



January 11, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. EDWARD RALSTON

SITE: BULK PLANT 0140
255 STATE HIGHWAY 101 SOUTH
CRESCENT CITY, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2004

Dear Mr. Ralston:

Please find enclosed our revised Quarterly Monitoring Report for Bulk Plant 0140, located at 255 State Highway 101 South, Crescent City, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature consisting of stylized loops and lines, with the initials "f" and "r" visible at the bottom right.

Anju Farfan
QMS Operations Manager

CC: Mr. Leon Perrault, County of Del Norte Health Department
Mr. Donald J. Kelly Jr., California Department of Fish and Game
Mr. Ron Allen, RWQCB – North Coast Region
Mr. Ian Robb, Cambria Environmental Technolgy, Inc.
Mr. Mike Foget, SHN

Enclosures
20-0400/0140R05.QMS



**QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2004**

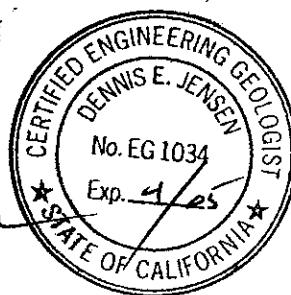
Bulk Plant 0140
255 State Highway 101 South
Crescent City, California

Prepared For:

Mr. Edward Ralston
ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

By:

A handwritten signature in black ink, appearing to read "Dennis E. Jensen".



Senior Project Geologist, Irvine Operations
January 5, 2005

LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results
Coordinated Event Data	<i>Former Texaco Service Station Site#211307</i> Table 1: Groundwater Monitoring Data and Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map Figure 6: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2004 through December 2004
Bulk Plant 0140
255 State Highway 101 South
Crescent City, CA

Project Coordinator: **Edward Ralston**
Telephone: **916-558-7633**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **11/08/04**

Sample Points

Groundwater wells: **6** onsite, **2** offsite Wells gauged: **8** Wells sampled: **8**

Purging method: **Diaphragm pump**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **3** Type: **STREAM**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**

LPH removal frequency: **n/a** Method: **n/a**

Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **3.02 feet** Maximum: **5.15 feet**

Average groundwater elevation (relative to available local datum): **3.66 feet**

Average change in groundwater elevation since previous event: **-0.62 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.004 ft/ft, northwest**

Previous event: **0.015 ft/ft, northwest (08/02/04)**

Selected Laboratory Results

Wells with detected **Benzene**: **1** Wells above MCL (1.0 µg/l): **0**
Maximum reported benzene concentration: **0.74 µg/l (MW-3)**

Wells with **TPH-G** **2** Maximum: **75 µg/l (MW-3)**

Wells with **MTBE** **1** Maximum: **3.8 µg/l (MW-2)**

Notes:

EC-1=creek sample, EC-2=creek sample, EC-4=creek sample,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

-	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
$\mu\text{g/l}$	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethylene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for Former Bulk Plant 0140 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
November 8, 2004
Bulk Plant 0140

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
EC-1 11/08/04	--	--	--	--	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	creek sample
EC-2 11/08/04	--	--	--	--	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	creek sample
EC-4 11/08/04	--	--	--	--	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	creek sample
MW-1 11/08/04	7.57	3.80	0.00	3.77	-0.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-2 11/08/04	7.62	4.15	0.00	3.47	-0.67	54	--	330	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.8	
MW-3 11/08/04	7.20	3.02	0.00	4.18	-0.61	75	--	120	0.74	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-4 11/08/04	8.50	4.51	0.00	3.99	-0.52	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-5 11/08/04	8.70	4.89	0.00	3.81	-1.20	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-6 11/08/04	7.98	4.41	0.00	3.57	-0.60	ND<50	--	83	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-7 11/08/04	6.90	3.80	0.00	3.10	0.15	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-8 11/08/04	8.53	5.15	0.00	3.38	-0.85	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
EC-1																
03/27/91	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
07/09/91	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/21/91	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
01/24/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
04/23/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
07/23/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/28/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
01/19/93	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
04/20/93	-	-	-	-	-	-	ND	-	280	3	ND	ND	ND	ND	ND	-
07/28/93	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/18/93	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
01/25/94	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
04/27/94	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
07/25/94	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/21/94	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
01/25/95	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
04/26/95	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/23/95	-	-	-	-	-	-	ND	-	100	ND	ND	ND	ND	ND	ND	-
04/24/96	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/22/96	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
04/21/97	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/21/97	-	-	-	-	-	-	ND	-	83	ND	ND	ND	ND	ND	ND	-
04/23/98	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	ND	ND	-
10/19/98	-	-	-	-	-	-	ND	-	84	ND	ND	ND	ND	ND	ND	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Change in Elevation (feet)	TPH-G	TPPH 8260B	TPH-D	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
	(feet)	(feet)	(feet)	(feet)	($\mu\text{g/l}$)									
EC-1 continued														
05/18/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-
11/23/99	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-
05/09/00	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-
11/09/00	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-
02/07/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05/08/01	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	ND
11/28/01	-	-	-	-	-	ND<50	-	93	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	0.96
05/08/02	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<2.0
11/13/02	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<2.0
05/15/03	-	-	-	-	-	ND<50	-	ND<63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<2.0
11/19/03	-	-	-	-	-	ND<50	-	61	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<2.0
05/05/04	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<0.50
08/02/04	-	-	-	-	-	120	-	ND<200	ND<0.3	ND<0.3	ND<0.3	ND<0.6	-	ND<0.5
11/08/04	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	ND<0.50
EC-2								ND	ND	ND	ND	ND	ND	-
03/27/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
07/09/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
10/21/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/24/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
04/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
07/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
10/28/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/19/93	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
04/20/93	-	-	-	-	-	ND	-	220	ND	ND	ND	ND	ND	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
EC-2 continued															
07/28/93	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/18/93	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
01/25/94	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
04/27/94	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
07/25/94	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/21/94	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
01/25/95	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
04/26/95	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/23/95	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
04/24/96	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/22/96	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
04/21/97	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/21/97	-	-	-	-	-	ND	-	-	76	ND	ND	ND	ND	ND	-
04/23/98	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
10/19/98	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
05/18/99	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
11/23/99	-	-	-	-	-	ND	-	-	50	ND	ND	ND	ND	ND	-
05/09/00	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
11/09/00	-	-	-	-	-	ND	-	-	95.3	ND	ND	ND	ND	ND	-
02/07/01	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-
05/08/01	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	ND	ND	-
11/28/01	-	-	ND<50	-	-	150	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
05/08/02	-	-	ND<50	-	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
11/13/02	-	-	ND<50	-	-	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
EC-2 continued															
05/15/03	-	-	-	-	-	ND<50	-	ND<63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-	ND<2.0
11/19/03	-	-	-	-	-	ND<50	-	98	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-	ND<2.0
05/05/04	-	-	-	-	-	ND<50	-	63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-	ND<0.50
08/02/04	-	-	-	-	-	120	-	ND>200	ND<0.3	ND<0.3	ND<0.3	ND<0.6	-	-	ND<0.5
11/08/04	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-	ND<0.50
EC-3															
03/27/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
07/09/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
10/21/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
01/24/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
04/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
07/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
10/28/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
01/19/93	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
04/20/93	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
07/28/93	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
10/18/93	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
01/25/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
04/27/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
07/25/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
10/21/94	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
01/25/95	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
04/26/95	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-
10/23/95	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004

Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
EC-3 continued													
04/24/96	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
10/22/96	-	-	-	-	-	ND	-	240	ND	ND	ND	ND	-
04/21/97	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
10/21/97	-	-	-	-	-	ND	-	100	ND	ND	ND	ND	-
04/23/98	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
10/19/98	-	-	-	-	-	ND	-	82	ND	ND	ND	ND	-
05/18/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
11/23/99	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
05/09/00	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
11/09/00	-	-	-	-	-	ND	-	99.1	ND	ND	ND	ND	-
02/07/01	-	-	-	-	-	-	-	-	-	-	-	ND	Sampling discontinued
EC-4													
05/08/01	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
11/28/01	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
05/08/02	-	-	-	-	-	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
11/13/02	-	-	-	-	-	ND<50	-	57	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
05/15/03	-	-	-	-	-	ND<50	-	ND<63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
11/19/03	-	-	-	-	-	ND<50	-	64	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
05/05/04	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	Stream Sample
08/02/04	-	-	-	-	-	ND<50	-	ND<200	ND<0.3	ND<0.3	ND<0.6	ND<0.5	Stream sample
11/08/04	-	-	-	-	-	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	Creek Sample
MW-1													
03/27/91	7.57	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-
07/09/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
10/21/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/24/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
04/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
07/23/92	-	-	-	-	-	ND	-	-	ND	ND	ND	ND	-	-
10/28/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/19/93	7.57	3.16	0.00	4.41	-	ND	-	ND	ND	ND	ND	ND	-	-
04/20/93	7.57	3.16	0.00	4.41	0.00	ND	-	ND	ND	ND	ND	ND	-	-
07/28/93	7.57	4.18	0.00	3.39	-1.02	ND	-	ND	ND	ND	ND	ND	-	-
10/18/93	7.57	4.28	0.00	3.29	-0.10	ND	-	ND	ND	ND	ND	ND	-	-
01/25/94	7.57	2.50	0.00	5.07	1.78	ND	-	ND	ND	ND	ND	ND	-	-
04/27/94	7.57	3.45	0.00	4.12	-0.95	ND	-	ND	ND	ND	ND	ND	-	-
07/25/94	7.57	4.50	0.00	3.07	-1.05	ND	-	ND	ND	ND	ND	ND	-	-
10/21/94	7.57	4.84	0.00	2.73	-0.34	ND	-	ND	ND	ND	ND	ND	-	-
01/25/95	7.57	3.06	0.00	4.51	1.78	ND	-	ND	ND	ND	ND	ND	-	-
04/26/95	7.57	3.50	0.00	4.07	-0.44	ND	-	ND	ND	ND	ND	ND	-	-
10/23/95	7.57	4.62	0.00	2.95	-1.12	ND	-	ND	ND	ND	ND	ND	-	-
04/24/96	7.57	2.49	0.00	5.08	2.13	190	-	ND	ND	ND	ND	ND	-	-
10/22/96	7.57	4.02	0.00	3.55	-1.53	ND	-	ND	ND	ND	ND	ND	-	-
04/21/97	7.57	3.49	0.00	4.08	0.53	ND	-	ND	ND	ND	ND	ND	-	-
10/21/97	7.57	4.05	0.00	3.52	-0.56	ND	-	75	ND	ND	ND	ND	-	-
04/23/98	7.57	3.69	0.00	3.88	0.36	ND	-	ND	ND	ND	ND	ND	-	-
10/19/98	7.57	3.91	0.00	3.66	-0.22	ND	-	ND	ND	ND	ND	ND	-	-
05/18/99	7.57	3.64	0.00	3.93	0.27	ND	-	ND	ND	ND	ND	ND	-	-
11/23/99	7.57	3.42	0.00	4.15	0.22	ND	-	120	ND	ND	ND	ND	-	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
05/09/00	7.57	3.52	0.00	4.05	-0.10	ND	ND	ND	ND	ND	ND	ND	ND	--
11/09/00	7.57	3.93	0.00	3.64	--	ND	--	--	--	--	--	--	--	--
02/07/01	7.57	3.78	0.00	3.79	0.15	--	--	--	--	--	--	--	--	ND
05/08/01	7.57	4.10	0.00	3.47	-0.32	ND	--	ND	ND	ND	ND	ND	ND	ND
11/28/01	7.57	2.93	0.00	4.64	1.17	ND<50	--	75	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
05/08/02	7.57	4.10	0.00	3.47	-1.17	ND<50	--	260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0
11/13/02	7.57	3.55	0.00	4.02	0.55	ND<50	--	57	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	ND<2.0
05/15/03	7.57	3.60	0.00	3.97	-0.05	ND<50	--	ND<63	ND<0.50	ND<0.50	ND<0.50	--	--	ND<2.0
11/19/03	7.57	3.80	0.00	3.77	-0.20	ND<50	--	54	ND<0.50	ND<0.50	ND<0.50	--	--	ND<2.0
05/05/04	7.57	3.81	0.00	3.76	-0.01	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50
08/02/04	7.57	3.13	--	4.44	0.68	ND<50	--	ND<200	ND<0.3	ND<0.3	ND<0.6	--	--	ND<0.5
11/08/04	7.57	3.80	0.00	3.77	-0.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<0.50
MW-2														
03/27/91	--	--	--	--	ND	--	ND	ND	ND	ND	1.3	--	--	--
07/09/91	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	--
10/21/91	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	--
01/24/92	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	--
04/23/92	--	--	--	--	ND	--	ND	ND	ND	ND	0.6	--	--	--
07/23/92	--	--	--	--	7300	--	440000	ND	ND	3.5	10	--	--	--
10/28/92	--	--	--	--	ND	--	180	ND	ND	ND	2	--	--	--
01/19/93	7.62	3.36	0.00	4.26	--	230	--	ND	ND	ND	ND	--	--	--
04/20/93	7.62	3.42	0.10	4.27	0.01	--	--	--	--	--	--	--	--	--
07/28/93	7.62	4.65	0.34	3.22	-1.05	--	--	--	--	--	--	--	--	--

Not sampled due to the presence of product
Not sampled due to the presence of product

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
10/18/93	7.62	4.54	0.18	3.21	-0.01	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of product
01/25/94	7.62	2.57	--	5.05	1.84	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of product
04/27/94	7.62	3.65	0.00	3.97	-1.08	590	--	1600	ND	ND	ND	1.5	--	--	Sheen
07/25/94	7.62	4.83	0.21	2.95	-1.02	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of product
10/21/94	7.62	5.00	0.07	2.67	-0.28	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of product
01/25/95	7.62	3.28	0.00	4.34	1.67	110	--	650	ND	ND	ND	ND	--	--	Sheen
04/26/95	7.62	3.77	0.00	3.85	-0.49	820	--	8100	ND	ND	ND	ND	--	--	Sheen
10/23/95	7.62	4.94	0.23	2.85	-1.00	--	--	--	--	--	--	--	--	--	Not sampled due to the presence of product
04/24/96	7.62	2.51	0.00	5.11	2.26	880	--	77000	ND	ND	ND	ND	--	--	Sheen
10/22/96	7.62	4.42	0.00	3.20	-1.91	21000	--	1400000	ND	ND	ND	ND	--	--	Sheen
04/21/97	7.62	3.58	0.00	4.04	0.84	500	--	9100	ND	ND	ND	ND	--	--	Sheen
10/21/97	7.62	4.29	0.00	3.33	-0.71	75	--	1700	ND	ND	ND	ND	--	--	Sheen
04/23/98	7.62	3.91	0.00	3.71	0.38	52	--	560	ND	ND	ND	ND	ND	--	Sheen
10/19/98	7.62	4.13	0.02	3.50	-0.20	83000	--	650000	ND	ND	ND	ND	--	--	Sheen
05/18/99	7.62	3.80	0.00	3.82	0.32	320	--	110	ND	ND	ND	ND	--	--	Sheen
11/23/99	7.62	3.60	0.00	4.02	0.20	2500	--	23000	ND	ND	ND	ND	--	--	Sheen
05/09/00	7.62	3.69	0.00	3.93	-0.09	540	--	8300	0.55	ND	ND	ND	--	--	Sheen
11/09/00	7.62	4.13	0.00	3.49	--	140000	--	23500	ND	ND	ND	ND	--	--	Sheen
02/07/01	7.62	4.02	0.00	3.60	0.11	--	--	--	--	--	--	--	--	--	ND
05/08/01	7.62	4.27	0.00	3.35	-0.25	350	--	700	ND	ND	ND	ND	--	--	ND
11/28/01	7.62	3.09	0.00	4.53	1.18	240	--	4200	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	1.1

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued															
05/08/02	7.62	4.34	0.00	3.28	-1.25	710	--	2500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/13/02	7.62	3.73	0.00	3.89	0.61	ND<50	--	3700	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
05/15/03	7.62	3.90	0.00	3.72	-0.17	ND<50	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/19/03	7.62	3.99	0.03	3.65	-0.07	--	--	--	--	--	--	--	--	--	
05/05/04	7.62	4.11	0.01	3.52	-0.14	--	--	--	--	--	--	--	--	--	
08/02/04	7.62	3.49	0.01	4.14	0.62	--	--	--	--	--	--	--	--	--	
11/08/04	7.62	4.15	0.00	3.47	-0.67	54	--	330	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.8	
MW-3															
03/27/91	--	--	--	--	--	310	--	ND	1	ND	ND	0.8	--	--	
07/09/91	--	--	--	--	--	ND	--	470	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	3000	--	ND	10	47	30	120	--	--	
01/24/92	--	--	--	--	--	730	--	650	3.8	ND	ND	0.9	--	--	
04/23/92	--	--	--	--	--	ND	--	ND	1.5	ND	ND	ND	--	--	
07/23/92	--	--	--	--	--	2000	--	1500	4	1.3	ND	1.7	--	--	
10/28/92	--	--	--	--	--	130	--	ND	1.5	ND	ND	0.62	--	--	
01/19/93	7.20	2.28	0.00	4.92	--	610	--	130	1	ND	ND	ND	--	--	
04/20/93	7.20	2.40	0.00	4.80	-0.12	460	--	1200	ND	ND	ND	ND	--	--	
07/28/93	7.20	3.43	0.00	3.77	-1.03	--	--	--	--	--	--	--	--	--	
10/18/93	7.20	3.80	0.00	3.40	-0.37	260	--	1200	4.3	0.57	ND	1.2	--	--	
01/25/94	7.20	1.72	0.00	5.48	2.08	170	--	670	2.7	0.5	0.61	1.8	--	--	
04/27/94	7.20	2.65	0.00	4.55	-0.93	180	--	1100	2.9	ND	0.61	ND	--	--	
07/25/94	7.20	4.02	0.00	3.18	-1.37	220	--	770	5	1.1	0.82	2	--	--	
10/21/94	7.20	4.38	0.00	2.82	-0.36	200	--	640	3.4	0.97	0.51	1.5	--	--	
01/25/95	7.20	2.10	0.00	5.10	2.28	110	--	590	1.4	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
04/26/95	7.20	2.62	0.00	4.58	-0.52	170	--	870	2.7	0.68	ND	1.3	--	--	
10/23/95	7.20	4.09	0.00	3.11	-1.47	160	--	1400	2.8	0.66	0.57	1	--	--	
04/24/96	7.20	1.15	0.00	6.05	2.94	310	--	2000	ND	ND	ND	ND	--	--	
10/22/96	7.20	3.36	0.00	3.84	-2.21	160	--	1400	1.8	ND	ND	0.56	--	--	
04/21/97	7.20	2.53	0.00	4.67	0.83	210	--	1700	1.5	ND	ND	ND	--	--	
10/21/97	7.20	3.34	0.00	3.86	-0.81	110	--	1200	1.9	ND	ND	1.2	--	--	
04/23/98	7.20	2.72	0.00	4.48	0.62	ND	--	1300	1.4	ND	ND	ND	--	--	
10/19/98	7.20	3.04	0.00	4.16	-0.32	330	--	1700	1.8	0.56	ND	ND	--	--	
05/18/99	7.20	3.62	0.00	3.58	-0.58	ND	--	230	ND	ND	ND	ND	--	--	
11/23/99	7.20	2.52	0.00	4.68	1.10	ND	--	490	ND	ND	ND	ND	--	--	
05/09/00	7.20	2.54	0.00	4.66	-0.02	62	--	880	1.1	ND	ND	ND	--	--	
11/09/00	7.20	3.01	0.00	4.19	--	110	--	1790	ND	ND	ND	ND	--	--	
02/07/01	7.20	2.93	0.00	4.27	0.08	--	--	--	--	--	--	--	--	--	ND
05/08/01	7.20	3.35	0.00	3.85	-0.42	130	--	320	2.7	0.95	ND	0.75	--	--	ND
11/28/01	7.20	2.18	0.00	5.02	1.17	ND<50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	Inaccessible
05/08/02	7.20	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
11/13/02	7.20	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/15/03	7.20	2.75	0.00	4.45	--	ND<50	--	900	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/19/03	7.20	3.01	0.00	4.19	-0.26	80	--	490	0.85	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
05/05/04	7.20	3.01	0.00	4.19	0.00	ND<50	--	62	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/04	7.20	2.41	--	4.79	0.60	75	--	ND>200	ND<0.3	ND<0.3	ND<0.6	--	ND<0.5	--	ND<0.5
11/08/04	7.20	3.02	0.00	4.18	-0.61	75	--	120	0.74	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-4		--	--	--	--	140	--	2100	ND	ND	0.7	2.6	--	--	
03/27/91		--	--	--	--	140	--	2100	ND	ND	0.7	2.6	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
07/09/91	-	-	-	-	-	ND	-	ND	0.8	2.7	0.6	2.07	-	-
10/21/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/24/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
04/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	3.6	-	-
07/23/92	-	-	-	-	-	260	-	730	ND	ND	ND	ND	-	-
10/28/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	ND	-	-
01/19/93	8.50	3.61	0.00	4.89	-	69	-	840	ND	ND	ND	ND	-	-
04/20/93	8.50	3.61	0.00	4.89	0.00	580	-	2500	ND	0.9	ND	6.1	-	-
07/28/93	8.50	5.04	0.00	3.46	-1.43	ND	-	330	ND	ND	ND	ND	-	-
10/18/93	8.50	5.17	0.00	3.33	-0.13	ND	-	190	ND	ND	ND	ND	-	-
01/25/94	8.50	2.94	0.00	5.56	2.23	78	-	2200	ND	ND	ND	2.7	-	-
04/27/94	8.50	4.00	0.00	4.50	-1.06	66	-	1300	ND	ND	ND	ND	-	-
07/25/94	8.50	5.49	0.00	3.01	-1.49	ND	-	150	ND	ND	ND	ND	-	-
10/21/94	8.50	5.78	0.00	2.72	-0.29	ND	-	210	ND	0.79	ND	ND	-	-
01/25/95	8.50	3.43	0.00	5.07	2.35	62	-	2000	ND	ND	ND	ND	-	-
04/26/95	8.50	4.13	0.00	4.37	-0.70	100	-	2900	ND	ND	ND	3	-	-
10/23/95	8.50	5.52	0.00	2.98	-1.39	ND	-	720	ND	ND	ND	ND	-	-
04/24/96	8.50	2.68	0.00	5.82	2.84	110	-	4100	ND	ND	ND	3.1	-	-
10/22/96	8.50	4.70	0.00	3.80	-2.02	ND	-	520	ND	ND	ND	ND	-	-
04/21/97	8.50	3.76	0.00	4.74	0.94	ND	-	1200	ND	ND	ND	ND	-	-
10/21/97	8.50	4.83	0.00	3.67	-1.07	ND	-	700	ND	ND	ND	ND	-	-
04/23/98	8.50	4.31	0.00	4.19	0.52	72	-	3800	ND	0.51	ND	1.1	ND	-
10/19/98	8.50	4.53	0.00	3.97	-0.22	ND	-	430	ND	ND	ND	ND	-	-
05/18/99	8.50	4.08	0.00	4.42	0.45	ND	-	980	ND	ND	ND	ND	-	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
11/23/99	8.50	3.85	0.00	4.65	0.23	ND	—	440	ND	ND	ND	—	—	—
05/09/00	8.50	3.90	0.00	4.60	-0.05	ND	—	1100	ND	ND	ND	—	—	—
11/09/00	8.50	4.47	0.00	4.03	—	ND	—	665	ND	ND	ND	—	—	—
02/07/01	8.50	4.45	0.00	4.05	0.02	—	—	—	—	—	—	—	—	ND
05/08/01	8.50	4.94	0.00	3.56	-0.49	ND	—	98	ND	ND	ND	—	—	ND
11/28/01	8.50	3.19	0.00	5.31	1.75	ND<50	—	280	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<0.50
05/08/02	8.50	4.95	0.00	3.55	-1.76	ND<50	—	2000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<2.0
11/13/02	8.50	4.11	0.00	4.39	0.84	ND<50	—	780	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0
05/15/03	8.50	4.31	0.00	4.19	-0.20	ND<50	—	1800	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<2.0
11/19/03	8.50	4.37	0.00	4.13	-0.06	ND<50	—	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<2.0
05/05/04	8.50	4.59	0.00	3.91	-0.22	ND<50	—	280	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<0.50
08/02/04	8.50	3.99	—	4.51	0.60	ND<50	—	260	ND<0.3	ND<0.3	ND<0.3	ND<0.6	—	ND<0.5
11/08/04	8.50	4.51	0.00	3.99	-0.52	ND<50	—	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	ND<0.50
MW-5														
03/27/91	—	—	—	—	—	ND	—	410	ND	ND	ND	0.8	—	—
07/09/91	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
10/21/91	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
01/24/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
04/23/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
07/23/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
10/28/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
01/19/93	8.70	4.00	0.00	4.70	—	ND	—	ND	ND	ND	ND	—	—	—
04/20/93	8.70	4.01	0.00	4.69	-0.01	ND	—	450	ND	ND	ND	—	—	—
07/28/93	8.70	5.32	0.00	3.38	-1.31	ND	—	95	ND	ND	ND	—	—	—

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
10/18/93	8.70	5.40	0.00	3.30	-0.08	ND	ND	110	ND	ND	ND	ND	ND	--
01/25/94	8.70	--	--	--	--	ND	ND	--	--	--	ND	ND	ND	--
04/27/94	8.70	4.35	0.00	4.35	--	ND	ND	370	ND	ND	ND	ND	ND	--
07/25/94	8.70	5.70	0.00	3.00	-1.35	ND	ND	150	ND	ND	ND	ND	ND	--
10/21/94	8.70	6.00	0.00	2.70	-0.30	ND	ND	160	ND	ND	ND	ND	ND	--
01/25/95	8.70	3.84	0.00	4.86	2.16	ND	ND	260	ND	ND	ND	ND	ND	--
04/26/95	8.70	4.50	0.00	4.20	-0.66	ND	ND	220	ND	ND	ND	ND	ND	--
10/23/95	8.70	5.75	0.00	2.95	-1.25	ND	ND	630	ND	ND	ND	ND	ND	--
04/24/96	8.70	3.09	0.00	5.61	2.66	ND	ND	920	ND	ND	ND	ND	ND	--
10/22/96	8.70	5.01	0.00	3.69	-1.92	ND	ND	1000	ND	ND	ND	ND	ND	--
04/21/97	8.70	4.17	0.00	4.53	0.84	ND	ND	1200	ND	ND	ND	ND	ND	--
10/21/97	8.70	5.17	0.00	3.53	-1.00	ND	ND	1100	ND	ND	ND	ND	ND	--
04/23/98	8.70	4.68	0.00	4.02	0.49	ND	ND	1500	ND	ND	ND	ND	ND	--
10/19/98	8.70	4.95	0.00	3.75	-0.27	ND	ND	610	ND	ND	ND	ND	ND	--
05/18/99	8.70	4.50	0.00	4.20	0.45	ND	ND	790	ND	ND	ND	ND	ND	--
11/23/99	8.70	4.25	0.00	4.45	0.25	ND	ND	780	ND	ND	ND	ND	ND	--
05/09/00	8.70	4.28	0.00	4.42	-0.03	ND	ND	640	ND	ND	ND	ND	ND	--
11/09/00	8.70	4.86	0.00	3.84	--	ND	ND	--	ND	ND	ND	ND	ND	--
02/07/01	8.70	4.84	0.00	3.86	0.02	--	--	--	--	--	--	--	--	ND
05/08/01	8.70	5.27	0.00	3.43	-0.43	ND	ND	130	ND	ND	ND	ND	ND	--
11/28/01	8.70	3.57	0.00	5.13	1.70	ND<50	ND<50	790	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
05/08/02	8.70	5.27	0.00	3.43	-1.70	ND<50	--	1200	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
11/13/02	8.70	4.45	0.00	4.25	0.82	ND<50	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0
05/15/03	8.70	4.66	0.00	4.04	-0.21	ND<50	--	630	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued															
11/19/03	8.70	4.72	0.00	3.98	-0.06	ND<50	-	250	ND<0.50	ND<0.50	ND<0.50	-	-	ND<2.0	
05/05/04	8.70	4.90	0.00	3.80	-0.18	ND<50	-	100	ND<0.50	ND<0.50	ND<0.50	-	-	ND<0.50	
08/02/04	8.70	3.69	-	5.01	1.21	ND<50	-	940	ND<0.3	ND<0.3	ND<0.3	ND<0.6	-	-	ND<0.5
11/08/04	8.70	4.89	0.00	3.81	-1.20	ND<50	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	-	ND<0.50
MW-6															
03/27/91	-	-	-	-	-	150	-	320	9.6	0.5	0.8	1.2	-	-	
07/09/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10/21/91	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-	-	
01/24/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-	-	
04/23/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-	-	
07/23/92	-	-	-	-	-	390	-	150	ND	ND	ND	-	-	-	
10/28/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-	-	
01/19/93	7.98	3.42	0.00	4.56	--	ND	-	ND	ND	2.3	ND	ND	-	-	
04/20/93	7.98	3.60	0.00	4.38	-0.18	ND	-	550	ND	ND	ND	-	-	-	
07/28/93	7.98	4.78	0.00	3.20	-1.18	ND	-	200	ND	ND	ND	-	-	-	
10/18/93	7.98	4.77	0.00	3.21	0.01	ND	-	230	ND	ND	ND	-	-	-	
01/25/94	7.98	2.74	0.00	5.24	2.03	ND	-	160	ND	ND	ND	0.98	-	-	
04/27/94	7.98	3.88	0.00	4.10	-1.14	ND	-	120	ND	ND	ND	-	-	-	
07/25/94	7.98	5.05	0.00	2.93	-1.17	ND	-	75	ND	ND	ND	-	-	-	
10/21/94	7.98	5.35	0.00	2.63	-0.30	ND	-	140	ND	0.67	ND	-	-	-	
01/25/95	7.98	3.43	0.00	4.55	1.92	ND	-	160	ND	ND	ND	-	-	-	
04/26/95	7.98	4.05	0.00	3.93	-0.62	ND	-	78	ND	ND	ND	-	-	-	
10/23/95	7.98	5.12	0.00	2.86	-1.07	ND	-	750	ND	ND	ND	-	-	-	
04/24/96	7.98	2.60	0.00	5.38	2.52	ND	-	760	ND	ND	ND	-	-	-	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
10/22/96	7.98	4.46	0.00	3.52	-1.86	ND	ND	660	ND	ND	ND	ND	ND	--
04/21/97	7.98	3.72	0.00	4.26	0.74	ND	--	770	ND	ND	ND	ND	ND	--
10/21/97	7.98	4.65	0.00	3.33	-0.93	ND	--	830	ND	ND	ND	ND	ND	--
04/23/98	7.98	4.22	0.00	3.76	0.43	ND	--	1500	ND	ND	ND	ND	8.1	--
10/19/98	7.98	4.46	0.00	3.52	-0.24	ND	--	590	ND	ND	ND	ND	ND	--
05/18/99	7.98	4.06	0.00	3.92	0.40	ND	--	920	ND	ND	ND	ND	ND	--
11/23/99	7.98	3.85	0.00	4.13	0.21	ND	--	720	ND	ND	ND	ND	ND	--
05/09/00	7.98	3.89	0.00	4.09	-0.04	ND	--	700	ND	ND	ND	ND	ND	--
11/09/00	7.98	4.43	0.00	3.55	--	ND	--	964	ND	ND	ND	ND	ND	--
02/07/01	7.98	4.35	0.00	3.63	0.08	--	--	--	--	--	--	--	--	ND
05/08/01	7.98	4.75	0.00	3.23	-0.40	ND	--	140	ND	ND	ND	ND	ND	ND
11/28/01	7.98	3.17	0.00	4.81	1.58	ND<50	--	290	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<0.50
05/08/02	7.98	4.75	0.00	3.23	-1.58	ND<50	--	1600	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<2.0
11/13/02	7.98	3.95	0.00	4.03	0.80	ND<50	--	420	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0
05/15/03	7.98	4.21	0.00	3.77	-0.26	ND<50	--	690	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<2.0
11/19/03	7.98	4.26	0.00	3.72	-0.05	ND<50	--	290	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<2.0
05/05/04	7.98	4.38	0.00	3.60	-0.12	ND<50	--	61	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<0.50
08/02/04	7.98	3.81	--	4.17	0.57	52	--	ND>200	ND<0.3	ND<0.3	ND<0.6	ND	--	ND<0.5
11/08/04	7.98	4.41	0.00	3.57	-0.60	ND<50	--	83	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND	ND<0.50
MW-7														
06/02/00	6.90	--	--	--	--	80	--	150	ND	ND	ND	ND	ND	--
11/09/00	6.90	3.78	0.00	3.12	--	ND	--	408	ND	ND	ND	ND	ND	--
02/07/01	6.90	3.65	0.00	3.25	0.13	--	--	--	--	--	--	--	--	ND
05/08/01	6.90	3.97	0.00	2.93	-0.32	ND	--	66	ND	ND	ND	ND	ND	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1991 Through November 2004
Bulk Plant 0140

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPH-D 8260B (µg/l)	TPH-D (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
11/28/01	6.90	2.60	0.00	4.30	1.37	ND<50	--	280	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/08/02	6.90	3.94	0.00	2.96	-1.34	ND<50	--	390	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/13/02	6.90	3.31	0.00	3.59	0.63	ND<50	--	87	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/15/03	6.90	3.54	0.00	3.36	-0.23	ND<50	--	340	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/19/03	6.90	3.61	0.00	3.29	-0.07	ND<50	--	78	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
05/05/04	6.90	3.59	0.00	3.31	0.02	ND<50	--	59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/04	6.90	3.95	--	2.95	-0.36	53	--	ND<200	ND<0.3	ND<0.3	ND<0.3	ND<0.6	--	ND<0.5	
11/08/04	6.90	3.80	0.00	3.10	0.15	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-8															
11/28/01	8.53	4.51	0.00	4.02	--	ND<50	--	54	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/08/02	8.53	5.17	0.00	3.36	-0.66	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/13/02	8.53	4.76	0.00	3.77	0.41	ND<50	--	ND<56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/15/03	8.53	4.91	0.00	3.62	-0.15	ND<50	--	70	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/19/03	8.53	4.97	0.00	3.56	-0.06	ND<50	--	59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
05/05/04	8.53	4.98	0.00	3.55	-0.01	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/04	8.53	4.30	--	4.23	0.68	ND<50	--	ND<200	ND<0.3	0.34	ND<0.3	0.68	--	ND<0.5	
11/08/04	8.53	5.15	0.00	3.38	-0.85	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
SD-1	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	Storm drain sample	
SD-2	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	Storm drain sample	
SD-3	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	Storm drain sample	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0140

Date Sampled	EDC	EDB	DO	Carbon-Dioxide	TAME	TBA	DPE	ETBE	Methanol	ORP	Ethanol	1,2-DCE
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mV)	($\mu\text{g/l}$)	($\mu\text{g/l}$)
EC-1												
02/07/01	-	ND	-	-	ND	ND	ND	ND	ND	-	ND	ND
05/08/01	--	ND	--	ND<0.50	--	ND<1.0	ND>20	ND<1.0	ND<500	--	ND<100	ND<0.50
11/28/01	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	ND<2.0
05/08/02	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	ND<0.50	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	ND<1000	--
11/08/04	--	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--
EC-2												
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
11/28/01	--	ND<0.50	--	ND<2.0	--	ND<1.0	ND>20	ND<1.0	ND<500	--	ND<100	ND<0.50
05/08/02	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<100	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	ND<2.0	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	ND<2.0	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	ND<0.50	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	ND<1000	--
08/02/04	--	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--
11/08/04	--	--	--	--	--	--	--	--	--	--	--	--
EC-3												
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0140

Date Sampled	EDC	EDB	DO	Carbon-Dioxide	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Methanol 8015B	ORP (mV)	Ethanol 8260B (µg/l)	1,2-DCE (µg/l)
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(µg/l)
EC-4 continued												
11/28/01	--	ND<1.0	--	--	ND<2.0	ND<40	ND<2.0	ND<2.0	ND<500	--	ND<200	ND<1.0
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	--	--
MW-1												
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	ND<100	ND<0.50
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	--	--	ND<0.50	10	ND<5.0	ND<1.0	ND<0.50	--	-59	--
MW-2												
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	ND<100	ND<0.50
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	--	ND<500	ND<2.0

Table 3
ADDITIONAL ANALYTICAL RESULTS

Bulk Plant 0140									
Date Sampled	EDC	EDB	DO	Carbon-Dioxide	TAME 8260B	TBA 8260B	DPE 8260B	Methanol 8015B	ORP (mV)
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	($\mu\text{g/l}$)				
MW-2 continued									
11/08/04	--	--	2.05	75	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
									-70
									--
MW-3									
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<500	ND<0.50
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<200	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<10	ND<500
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<0.10	ND<50
11/08/04	--	--	2.30	75	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<1000
									--
									-10
									--
MW-4									
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<500	ND<0.50
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<100	ND<500
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<10	ND<500
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<10	ND<500
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<0.10	ND<1000
11/08/04	--	--	1.25	45	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--
									-34
									--
MW-5									
02/07/01	--	ND	--	--	ND	ND	ND	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	ND
11/28/01	--	ND<1.0	--	--	ND<2.0	ND<40	ND<2.0	ND<500	ND<1.0
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<100	ND<500

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0140

Date Sampled	EDC	EDB	DO	Carbon-Dioxide	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Methanol 8015B	ORP	Ethanol 8260B	1,2-DCE
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mV)	($\mu\text{g/l}$)	($\mu\text{g/l}$)
MW-5 continued												
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<100	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	2.35	25	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	6	--	--
MW-6												
02/07/01	--	ND	--	--	ND	ND	ND	ND	--	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	--	--	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	ND<100	ND<0.50
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	160	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<200	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	2.21	65	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	-10	--	--
MW-7												
02/07/01	--	ND	--	--	ND	ND	ND	ND	--	--	ND	ND
05/08/01	--	ND	--	--	ND	ND	ND	ND	--	--	ND	ND
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<500	--	ND<100	ND<0.50
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	140	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<200	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0140

Date Sampled	EDC	EDB	DO	Carbon-Dioxide	TAME	TBA	DPE	ETBE	Methanol	ORP	Ethanol	1,2-DCE
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mg/l)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	(mg/l)	(mV)	($\mu\text{g/l}$)	($\mu\text{g/l}$)
MW-7 continued												
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	2.80	10	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	-18	--	--
MW-8												
11/28/01	--	ND<0.50	--	--	ND<1.0	ND<20	ND<1.0	ND<500	--	ND<100	ND<0.50	
05/08/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
11/13/02	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	--	ND<500	ND<2.0
05/15/03	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	290	--	ND<500	ND<2.0
11/19/03	ND<2.0	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	--	ND<500	--
05/05/04	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	--	ND<50	--
08/02/04	--	--	--	--	ND<1	ND<12	ND<1	ND<1	ND<0.10	--	ND<1000	--
11/08/04	--	--	2.95	45	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	11	--	--

COORDINATED EVENT DATA

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211307)
275 Highway 101
Crescent City, California

WELL ID/ TOC*	DTW (ft.)	GWE (ms)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-1											
06/27/00	10.70	3.38	7.32	147	<50.0	<0.500	<0.500	<0.500	<2.50	<2.00	525
08/16/00	10.70	4.02	6.68	80.4	<50.0	<0.500	<0.500	<0.500	<2.50	—	<500
11/07/00	10.70	3.12	7.58	77.4	<50.0	<0.500	<0.500	<0.500	<2.50	—	<500
02/07/01 ¹	10.70	2.95	7.75	<50	<50	<0.50	<0.50	<0.50	—	<5.0	220
06/05/01 ^{1,2}	10.70	3.66	7.04	90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<100
08/08/01 ^{1,2}	10.70	4.22	6.48	<50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	180
12/04/01 ^{1,2}	10.70	1.90	8.80	<50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5,000
03/13/02 ^{1,2}	10.70	1.82	8.88	130	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5,000
06/20/02 ^{1,2}	10.68	3.51	7.17	210 ³	<50	<0.50	<0.50	<0.50	<1.5	—	<400
08/14/02 ⁴	10.68	4.32	6.36	92 ³	<50	<0.5	<0.5	<0.5	—	<0.5	<400
11/13/02 ⁵	10.68	3.01	7.67	62 ⁶	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<170
02/12/03 ⁵	10.68	2.62	8.06	<50 ³	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<120
05/15/03 ⁴	10.68	2.72	7.96	63 ³ / ^{<50³}	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<120
08/13/03 ⁴	10.68	4.42	6.26	82/61 ^{3,6}	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<120
11/05/03 ⁴	10.68	4.26	6.42	66 ^{3,6}	<50	<0.50	<0.50	<0.50	<0.50	<0.50	120 ⁶
02/04/04 ⁴	10.68	2.25	8.43	<250 ³	<50	<0.5	<0.5	<0.5	0.7	—	<400
05/05/04 ⁴	10.68	3.05	7.63	<50 ³	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<40
08/02/04 ⁴	10.68	4.17	6.51	180 ³	<50	<0.5	<0.5	<0.5	<0.5	<0.5	200
11/08/04 ⁴	10.68	3.11	7.57	69 ³	<50	<0.5	<0.5	<0.5	<0.5	<0.5	290
TW-2											
06/27/00	11.22	4.33	6.89	804	74.8	4.61	<0.500	<0.500	<0.500	<2.50	<2.00
08/16/00	11.22	4.83	6.39	1,690	131	7.24	<0.500	<0.500	<0.500	<2.50	—
11/07/00	11.22	3.90	7.32	1,170	108	4.11	<0.500	<0.500	<0.500	<2.50	—
02/07/01 ¹	11.22	3.80	7.42	1,200	110	3.2	<0.50	<0.50	<0.50	<5.0	<100
06/05/01 ^{1,2}	11.22	4.55	6.67	640	170	4.2	<0.50	<0.50	0.56	<0.50	<100
08/08/01 ^{1,2}	11.22	5.01	6.21	760	250	6.2	<0.50	<0.50	0.80	<5.0	<100
12/04/01 ^{1,2}	11.22	2.56	8.66	130	150	3.3	<0.50	<0.50	0.50	<5.0	<5,000
03/13/02 ^{1,2}	11.22	2.40	8.82	3,000	75	1.1	<0.50	<0.50	0.50	<5.0	<5,000
06/20/02 ^{1,2}	11.19	4.20	6.99	2,200 ³	110	4.2	<0.50	<0.50	<1.5	<2.5	—
											1,300

Table 1
Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211307)
275 Highway 101
Crescent City, California

WELL ID	TOC*	DTW (ft.)	GWE (ms)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8230 (ppb)	TPH-MO (ppb)
TW-2 (cont)												
08/14/02 ⁴	11.19	5.02	6.17	1,400 ³	270	8	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02 ⁵	11.19	3.61	7.58	470 ⁶	<50	2.4	<0.50	<0.50	<0.50	--	0.52	360 ⁶
02/12/03 ⁵	11.19	3.21	7.98	260 ^{3,6}	54	1.5	<0.50	<0.50	<0.50	--	<0.50	820 ⁶
05/15/03 ⁴	11.19	3.56	7.63	6,1,200/220 ^{3,6,7}	<50	0.81	<0.50	<0.50	<0.50	--	<0.50	1,100 ⁶
08/13/03 ⁴	11.19	5.12	6.07	6,1,300/750 ^{3,6}	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,500 ⁶
11/05/03 ⁴	11.19	4.98	6.21	390 ^{3,6}	79	6.7	0.55	<0.50	0.69	--	<0.50	<1,200
02/04/04 ⁴	11.19	2.87	8.32	620 ³	76	1	<0.5	<0.5	<0.5	--	<0.5	1,700
05/05/04 ⁴	11.19	3.91	7.28	1,300 ³	<50	1	<0.5	<0.5	<0.5	--	<0.5	810
08/02/04 ⁴	11.19	4.86	6.33	1,100 ³	130	4	<0.5	<0.5	<0.5	--	<0.5	760
11/08/04⁴	11.19	3.84	7.35	940³	80	2	<0.5	<0.5	<0.5	--	<0.5	1,800
TW-3												
06/27/00	11.57	4.75	6.82	1,960	774	4.64	2.58	1.10	6.40	<2.50	<2.00	1,830
08/16/00	11.57	5.31	6.26	1,050	241	1.24	0.998	<0.500	1.29	<2.50	--	964
11/07/00	11.57	4.20	7.37	1,630	486	2.06	<0.500	0.556	3.00	<2.50	--	1,540
02/07/01¹	11.57	4.16	7.41	2,800	920	2.4	0.58	0.69	4.6	--	<5.0	<100
06/05/01 ^{1,2}	11.57	5.00	6.57	630	730	1.1	<0.50	<0.50	2.3	--	<0.50	<100
08/08/01 ^{1,2}	11.57	5.47	6.10	410	110	0.64	<0.50	<0.50	<0.50	--	<5.0	<100
12/04/01 ^{1,2}	11.57	2.85	8.72	460	1,200	2.0	0.54	<0.50	4.3	--	<5.0	<5,000
03/13/02 ^{1,2}	11.57	2.62	8.95	2,200	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5,000
06/20/02 ^{1,2}	11.55	4.65	6.90	2,100 ³	410	0.59	<0.50	0.99	2.7	<2.5	--	1,400
08/14/02 ⁴	11.55	5.43	6.12	600 ³	120	<0.5	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02 ⁵	11.55	3.82	7.73	510 ⁶	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	480 ⁶
02/12/03 ⁵	11.55	3.22	8.33	450 ^{3,6}	350	1.5	0.60	0.75	3.7	--	<0.50	1,500 ⁶
05/15/03 ⁴	11.55	3.96	7.59	62,900/640 ^{3,6}	220	1.2	0.54	0.61	4.0	--	<0.50	2,200 ⁶
08/13/03 ⁴	11.55	5.54	6.01	6,1,300/850 ^{3,6}	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	1,400 ⁶
11/05/03 ⁴	11.55	5.35	6.20	150 ^{3,6}	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50	580 ⁶
02/04/04 ⁴	11.55	3.16	8.39	2,100 ³	570	0.6	<0.5	0.5	2	--	<0.5	4,300

Table 1

Groundwater Monitoring Data and Analytical Results
 Former Texaco Service Station (Site #211307)
 275 Highway 101
 Crescent City, California

WELL ID/ TOC*	DTW (ft.)	GWT (msf)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)	TPH-MO (ppb)
TW-3 (cont)											
05/05/04 ⁴	11.55	4.30	7.25	3,100 ³	490	0.9	<0.5	4	--	<0.5	2,400
08/02/04 ⁴	11.55	5.28	6.27	930 ³	64	<0.5	<0.5	<0.5	--	<0.5	730
11/08/04⁴	11.55	4.17	7.38	1,500³	370	0.6	<0.5	1	--	<0.5	2,300
TW-4											
06/27/00	11.05	4.08	6.97	1,020	92.2	<0.500	<0.500	<0.500	3.41	3.53	1,180
08/16/00	11.05	4.64	6.41	1,200	<50.0	<0.500	<0.500	<0.500	<2.50	--	949
11/07/00	11.05	3.50	7.55	956	<50.0	<0.500	<0.500	<0.500	<2.50	--	1,210
02/07/01 ¹	11.05	3.47	7.58	1,800	<50	<0.50	<0.50	<0.50	--	<5.0	<100
06/05/01 ^{1,2}	11.05	4.28	6.77	4,300	<50	<0.50	<0.50	<0.50	--	1.7	<100
08/08/01 ^{1,2}	11.05	4.78	6.27	2,400	<50	<0.50	<0.50	<0.50	--	<5.0	1,100
12/04/01 ^{1,2}	11.05	2.74	8.31	<50	<50	<0.50	<0.50	<0.50	--	<5.0	<5,000
03/13/02 ^{1,2}	11.05	1.95	9.10	240	630	1.3	<0.50	<0.50	2.5	--	<5.0
06/20/02 ^{1,2}	11.03	4.00	7.03	3,100 ³	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/14/02 ⁴	11.03	4.82	6.21	4,700 ³	<50	<0.5	<0.5	<0.5	--	<0.5	<400
11/13/02 ⁵	11.03	3.27	7.76	370 ⁶	<50	<0.50	<0.50	<0.50	--	2.0	440 ⁶
02/12/03 ⁵	11.03	2.87	8.16	210 ^{3,6}	<50	<0.50	<0.50	<0.50	--	<0.50	<1,200
05/15/03 ⁴	11.03	3.28	7.75	61,600/240 ^{3,6}	<50	<0.50	<0.50	<0.50	--	<0.50	1,600 ⁶
08/13/03 ⁴	11.03	4.91	6.12	6,130/700 ^{3,6}	<50	<0.50	<0.50	<0.50	--	<0.50	1,500 ⁶
11/05/03 ⁴	11.03	4.71	6.32	940 ^{3,6}	<50	<0.50	<0.50	<0.50	--	0.64	2,000 ⁶
02/04/04 ⁴	11.03	2.54	8.49	890 ³	<50	<0.5	0.6	<0.5	3	--	<0.5
05/05/04 ⁴	11.03	3.61	7.42	3,500 ³	<50	<0.5	<0.5	<0.5	--	<0.5	1,700
08/02/04 ⁴	11.03	4.69	6.34	1,700 ³	<50	<0.5	<0.5	<0.5	--	<0.5	1,600
11/08/04⁴	11.03	3.52	7.51	1,500³	<50	<0.5	<0.5	<0.5	0.6	<0.5	2,600

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Texaco Service Station (Site #211307)
 275 Highway 101
 Crescent City, California

WELL#	TOC*	DTW (ft)	GWE (msl)	TPH-D			TPH-G			T			X			MTBE			
				(ppb)	by 8020	by 8260	TPH-MO (ppb)	TPH-MO (ppb)											
TRIP BLANK																			
QA																			
06/20/02	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5	<2.5	-	-	-	-	
08/14/02 ⁴	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	
11/13/02 ⁵	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50	-	<0.50	-	-	-	-	
02/12/03 ⁵	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50	-	<0.50	-	-	-	-	
05/15/03	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	
08/13/03 ⁴	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50	-	<0.50	-	-	-	-	
11/05/03 ⁴	-	-	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<0.50	-	<0.50	-	-	-	-	
02/04/04 ⁴	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	
05/05/04 ⁴	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	
08/02/04 ⁴	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	
11/08/04 ⁴	-	-	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	

Table 1

Groundwater Monitoring Data and Analytical Results
Former Texaco Service Station (Site #211307)
275 Highway 101
Crescent City, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 20, 2002, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean Sea Level

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

* TOC elevations are referenced to msl. TOC elevations re-surveyed on May 5, 2002, by Virgil Chavez Land Surveying of Vallejo, California. The benchmark used for this survey was a NGS disk stamped No. 23 1972 located at 444 Highway 101 South Northeast corner of the sidewalk of the Town Motel, 2.0 feet northwest of the face of the office. (Benchmark Elevation 15.67 feet NAVD 88). Wells surveyed August 4, 2000, by Virgil Chavez Land Surveying of Vallejo, California.

1 TPH-G and BTEX by EPA Method 8260B; prior to February 7, 2001; TPH-G was analyzed by EPA Method 8015 and BTEX by EPA Method 8020.

2 TPH-MO and TPH-D by modified EPA Method 8015 with silica gel; prior to June 5, 2001, analyzed without silica gel.

3 TPH-D with silica gel clean-up.

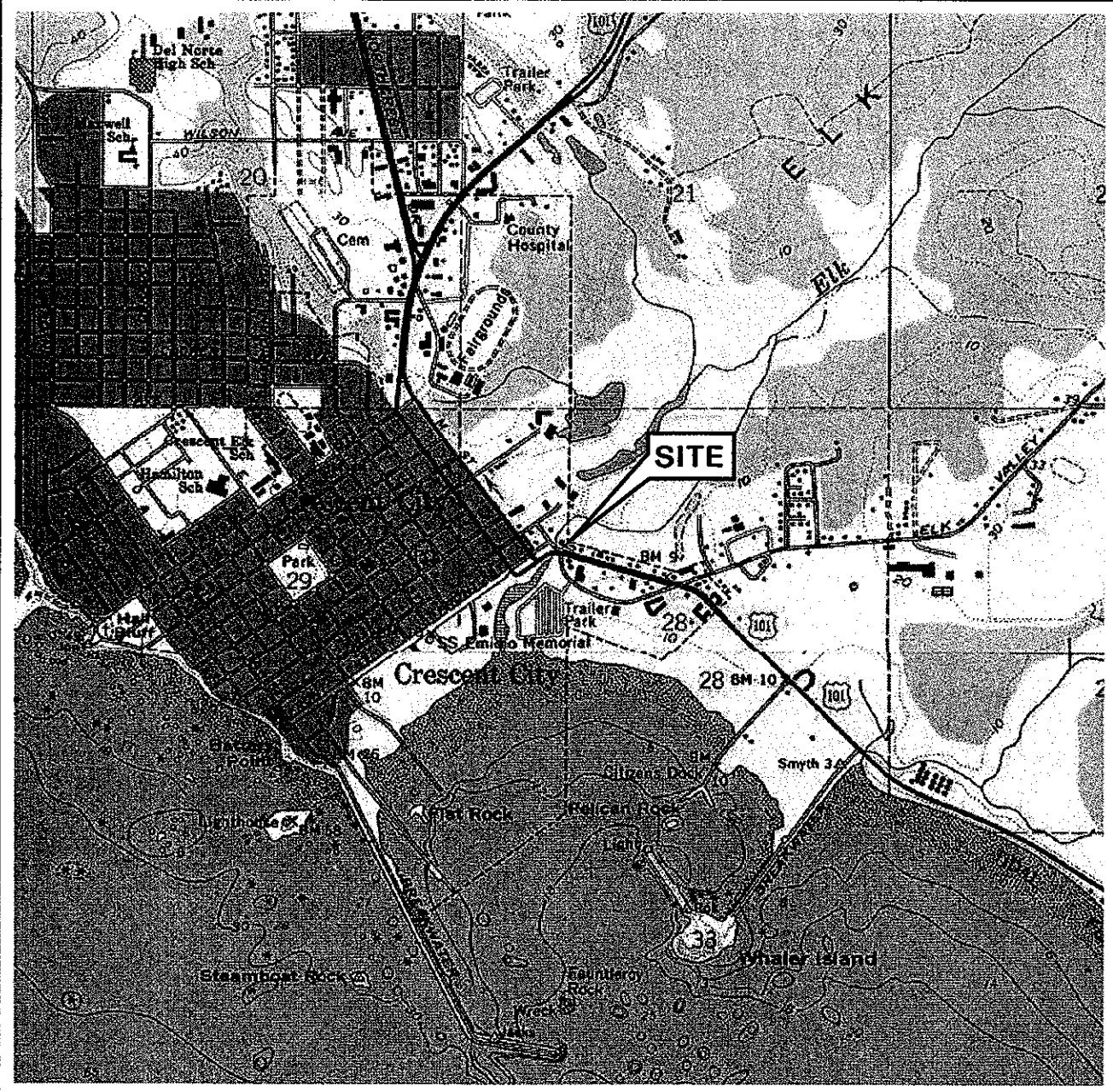
4 BTEX by EPA Method 8260.

5 TPH-G and BTEX by EPA Method 8260.

6 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

7 Laboratory report indicates this sample was extracted beyond the EPA recommended holding time.

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

QUADRANGLE
LOCATION

N

VICINITY MAP

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Crescent City & Sister Rocks
Quadrangles

Bulk Plant 0140
255 State Highway 101 South
Crescent City, California

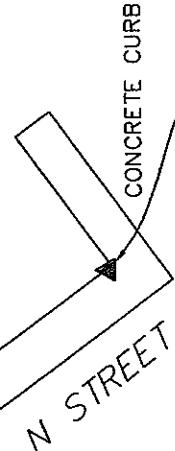
PS = 1:1

TRC

FIGURE 1

SURVEY POINT DETAIL

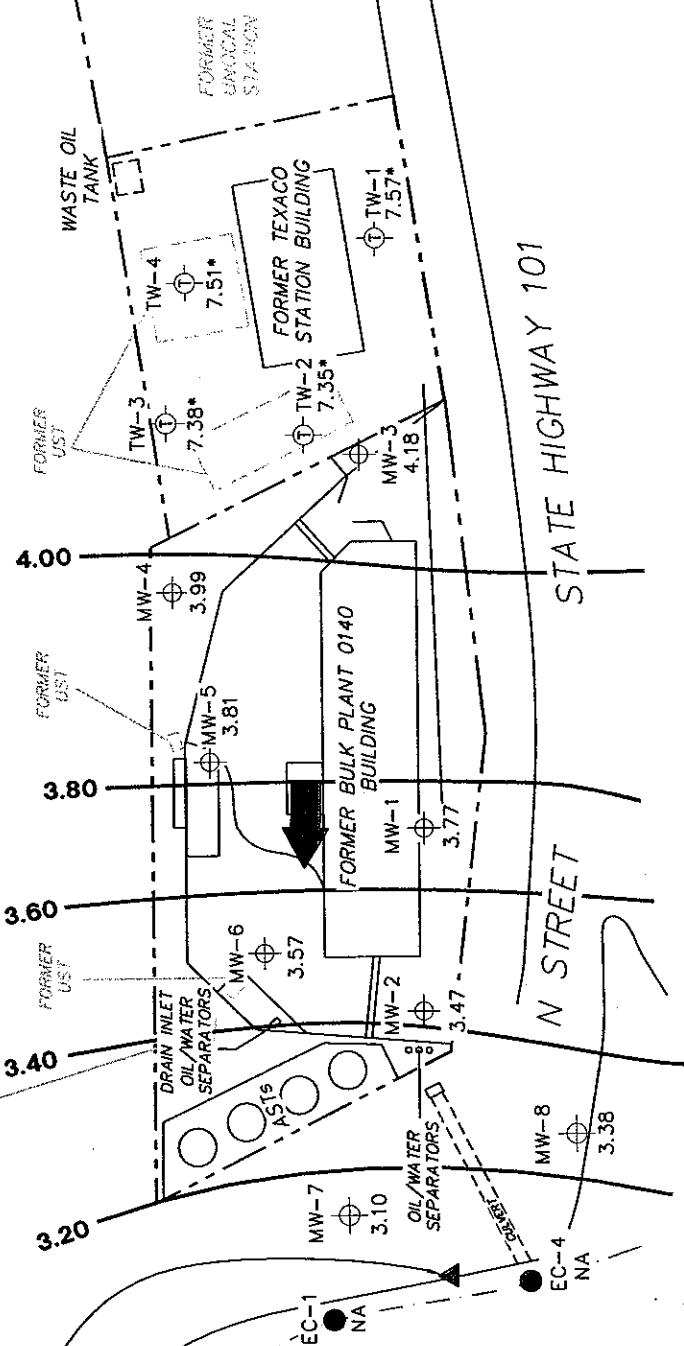
EC-3



ELK CREEK
CONCRETE CURB
N STREET
ELK CREEK SURVEY POINT
EC-2 NA

ELK CREEK SURVEY POINT

WILDLIFE REFUGE
FORMER DISPENSER ISLAND



LEGEND

MW-8 Monitoring Well with Groundwater Elevation (feet)

TW-4 Former Texaco Monitoring Well

EC-4 Creek Sample Location

EC-3 Former Creek Sample Location

4.00 Groundwater Elevation Contour

General Direction of Groundwater Flow

STATE HIGHWAY 101

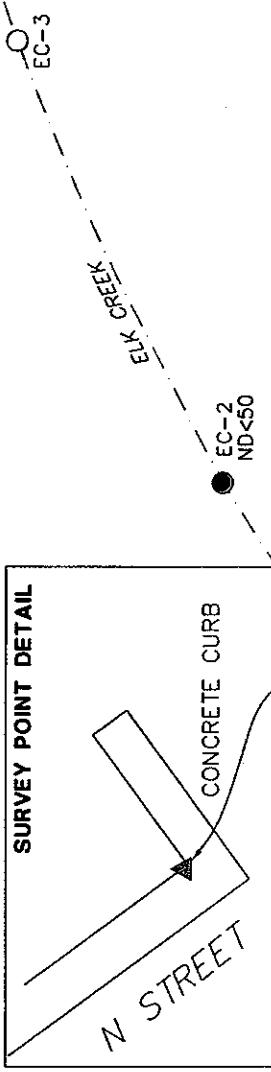
TRC

SCALE (FEET)
0 60

GROUNDWATER ELEVATION CONTOUR MAP
November 8, 2004

Bulk Plant 0140
255 State Highway 101 South
Crescent City, California

SURVEY POINT DETAIL



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline, $\mu\text{g/l}$ = micrograms per liter. UST = underground storage tank. AST = above ground storage tank. ND = not detected at limit indicated on official laboratory report. Texaco data provided by Gettier-Ryon, Inc. TPH-G results obtained using EPA Method 8015.

LEGEND

- MW-8 Monitoring Well with Dissolved-Phase TPH-G Concentration ($\mu\text{g/l}$)
- TW-4 Former Texaco Monitoring Well with Dissolved-Phase TPH-G Concentration ($\mu\text{g/l}$)
- EC-4 Creek Sample Point (ND<50) Dissolved-Phase TPH-G Concentration ($\mu\text{g/l}$)
- EC-3 Former Creek Sample Location
- Dissolved-Phase Contour ($\mu\text{g/l}$)
- 100 — Dissolved-Phase Contour ($\mu\text{g/l}$)

TRC

SCALE (FEET)
0 60

DISSOLVED-PHASE TPH-G CONCENTRATION MAP November 8, 2004

Bulk Plant 0140
255 State Highway 101 South
Crescent City, California

FIGURE 3

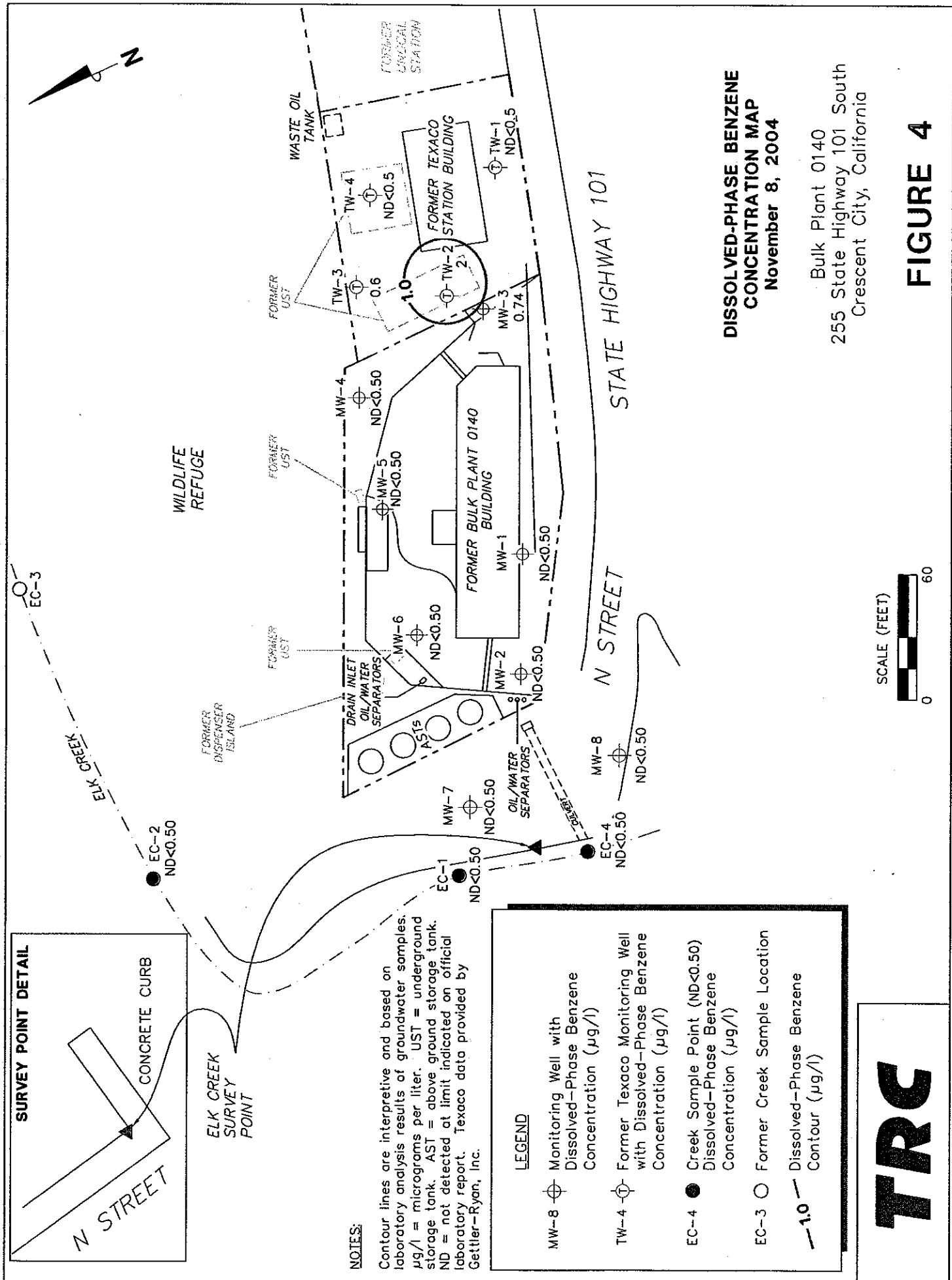
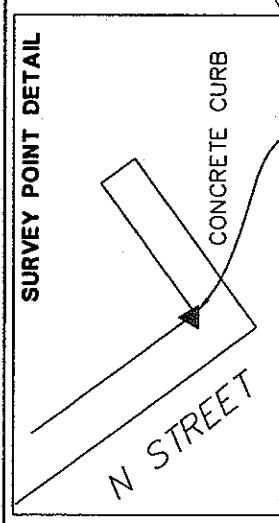


FIGURE 4

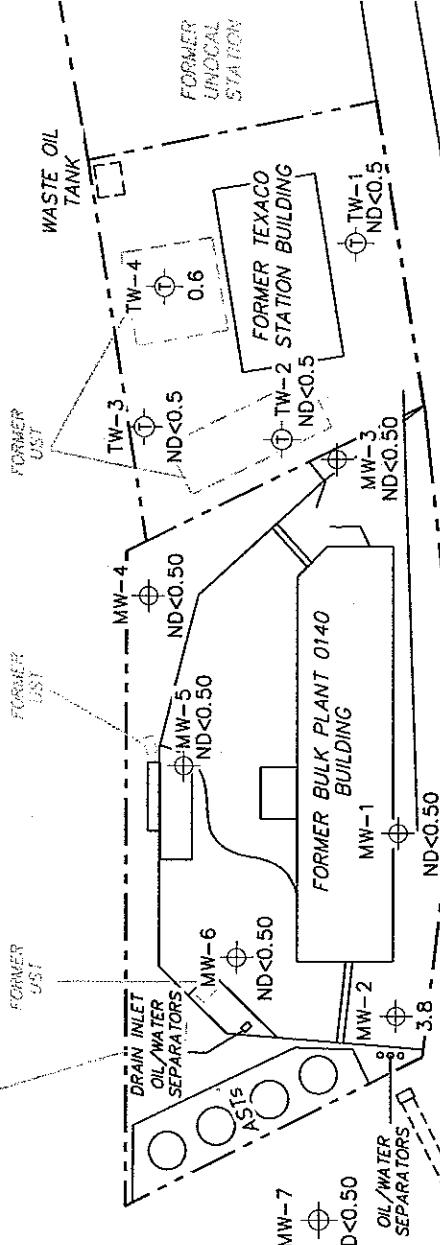


EC-3

WILDLIFE
REFUGE

EC-2
ND<0.50

FORMER
DISPENSER
ISLAND



NOTES:

$\mu\text{g/l}$ = micrograms per liter. UST = underground storage tank. AST = above ground storage tank. ND = not detected at limit indicated on official laboratory report. Texaco data provided by Gettler-Ryan, Inc. Results obtained using EPA Method 8260B

LEGEND

- MW-8 ● Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)
- TW-4 -○- Former Texaco Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)
- EC-4 ● Creek Sample Point (ND<0.50)
Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)
- EC-3 ○ Former Creek Sample Location

TRC

SCALE (FEET)

Bulk Plant 0140
255 State Highway 101 South
Crescent City, California

DISSOLVED-PHASE MTBE CONCENTRATION MAP
November 8, 2004

STATE HIGHWAY 101

N STREET

MW-8
ND<0.50

●

MW-8
ND<0.50

●

SURVEY POINT DETAIL

EC-3

N STREET

CONCRETE CURB

ELK CREEK
SURVEY
POINT

ELK CREEK

WILDLIFE
REFUGE

EC-2
ND<0.50

FORMER
DISPENSER
ISLAND

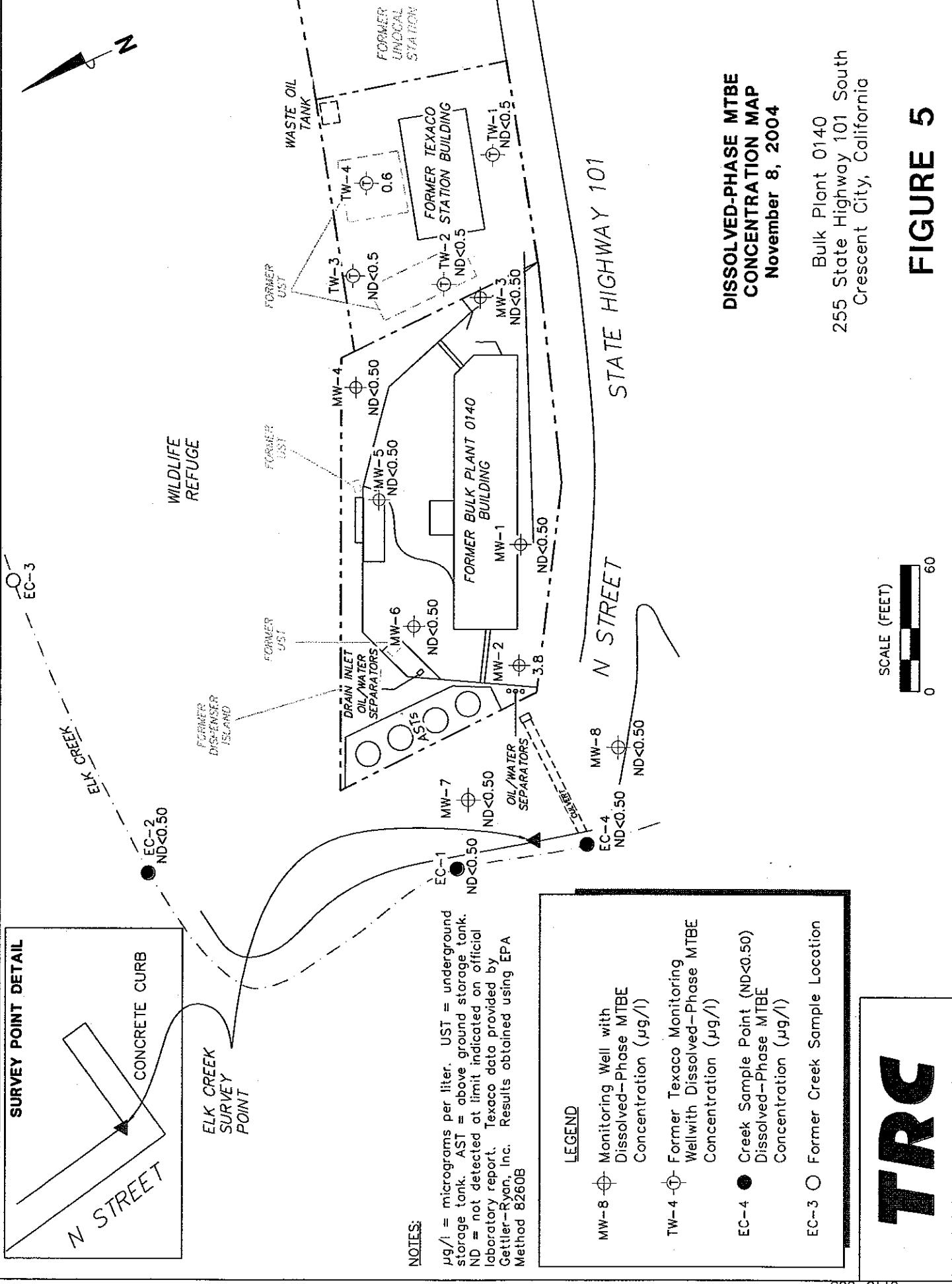
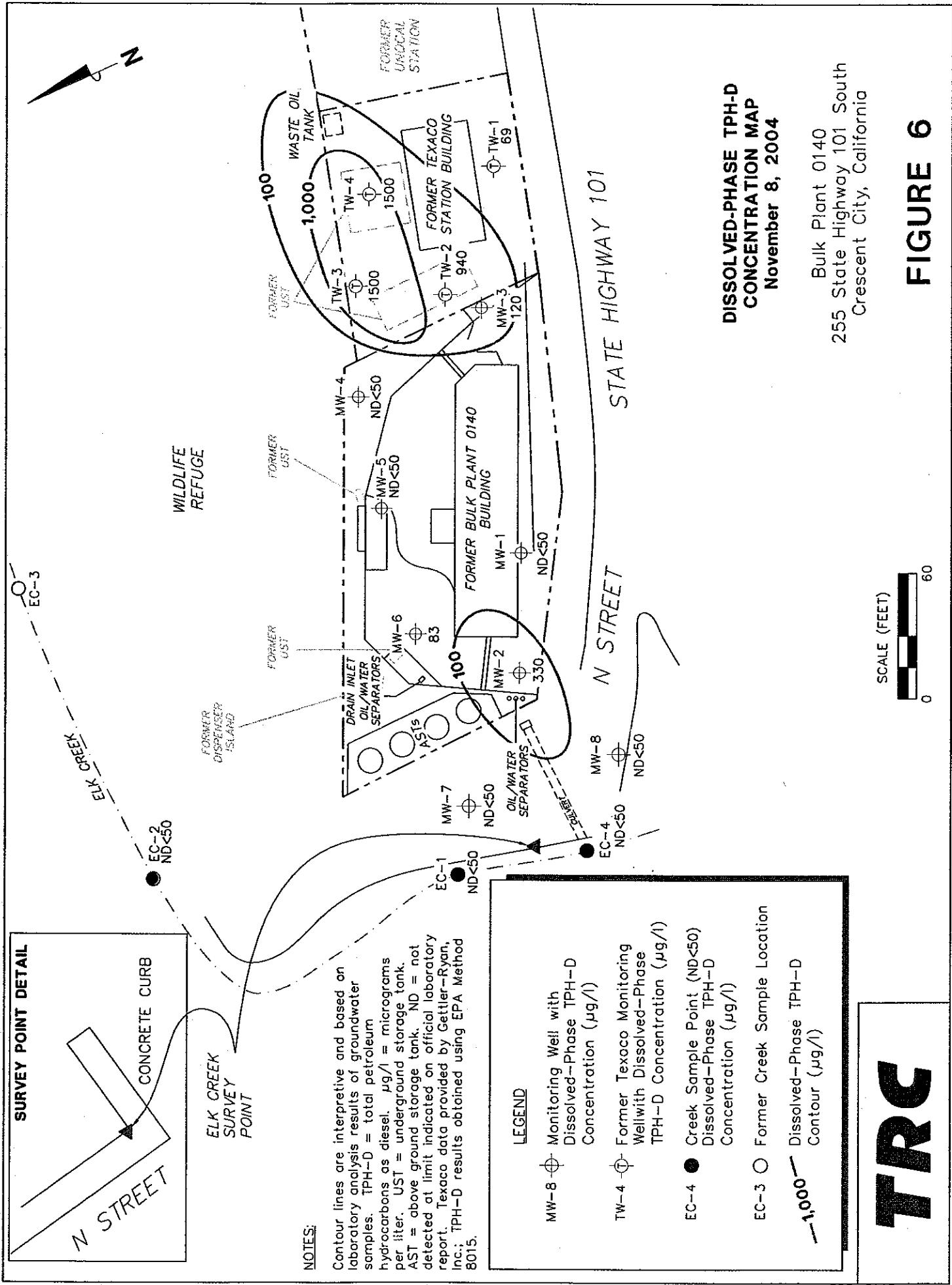


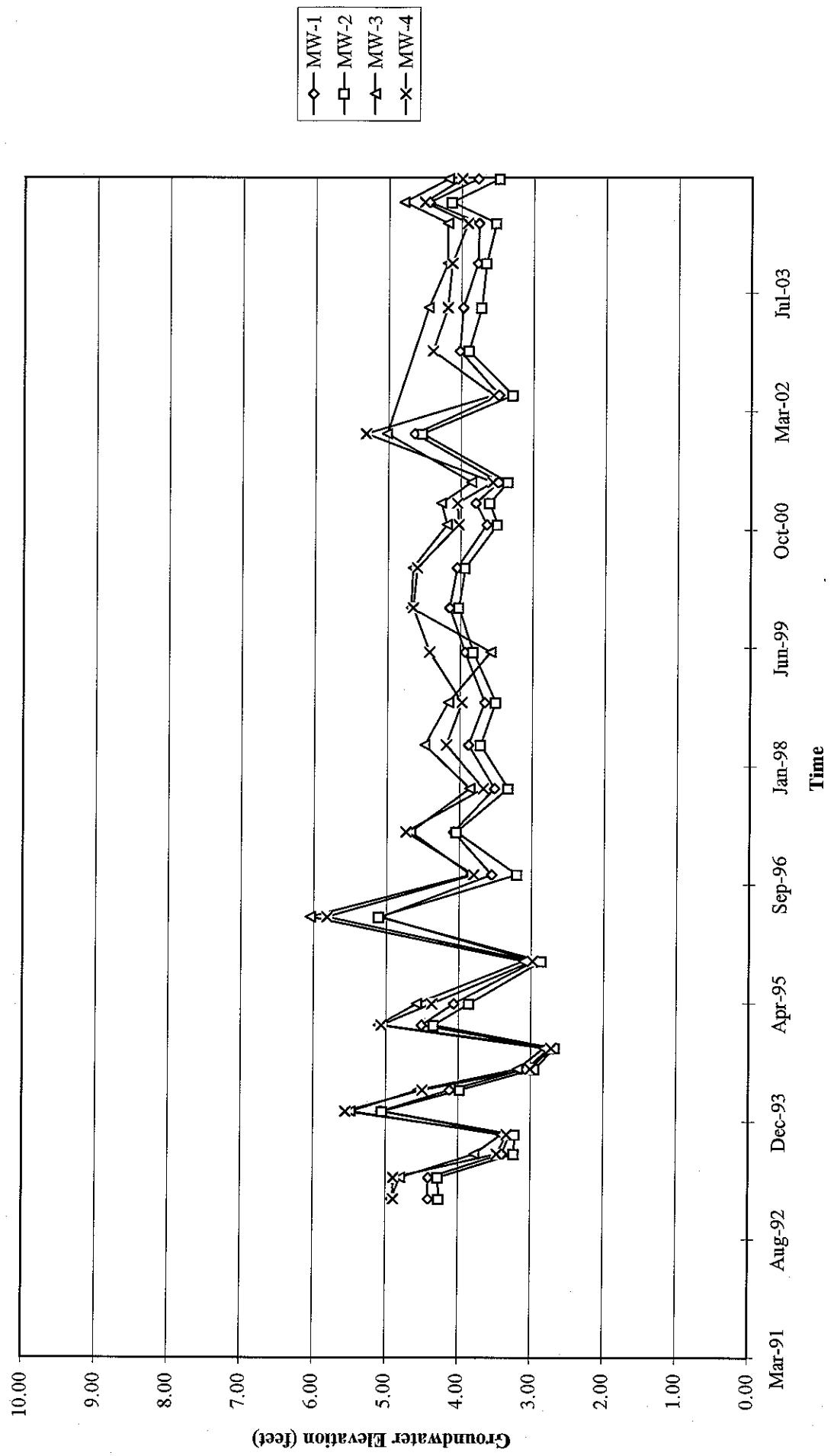
FIGURE 5



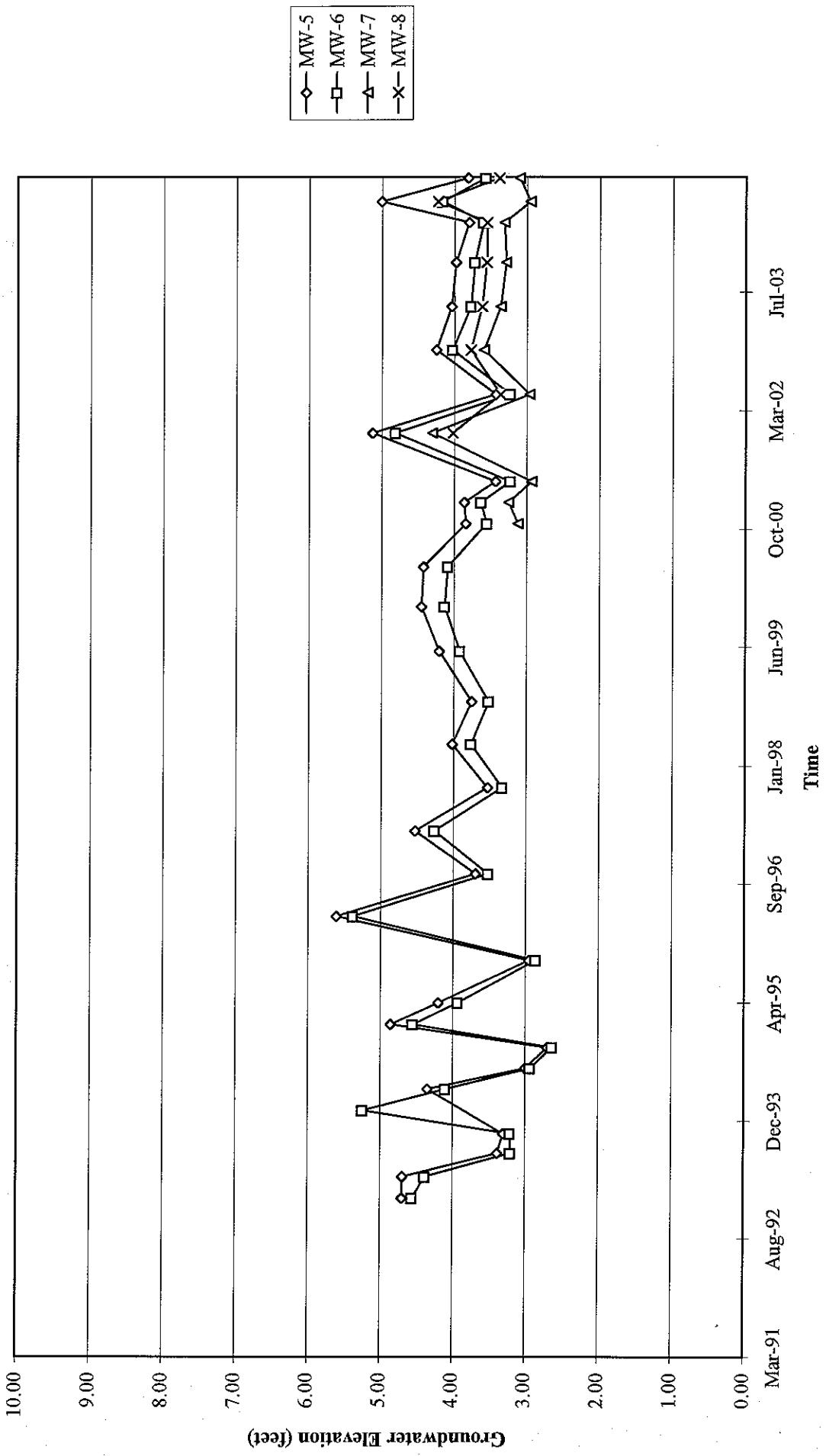
TRC

GRAPHS

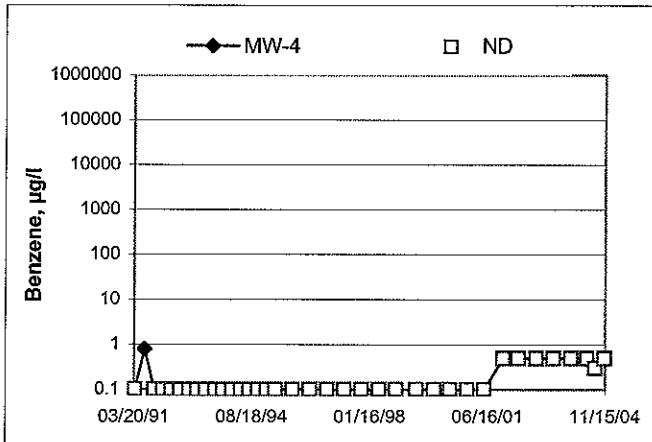
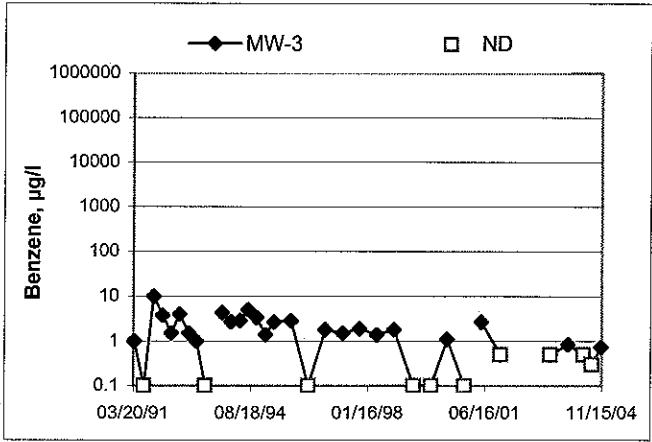
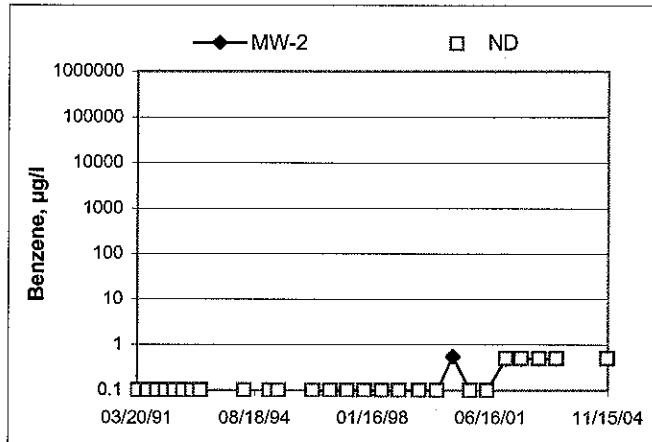
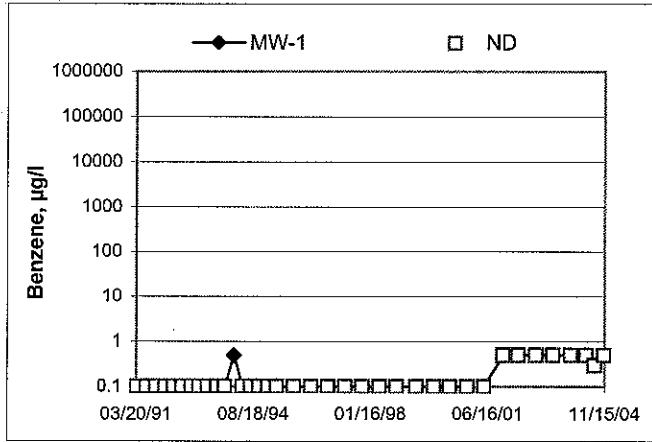
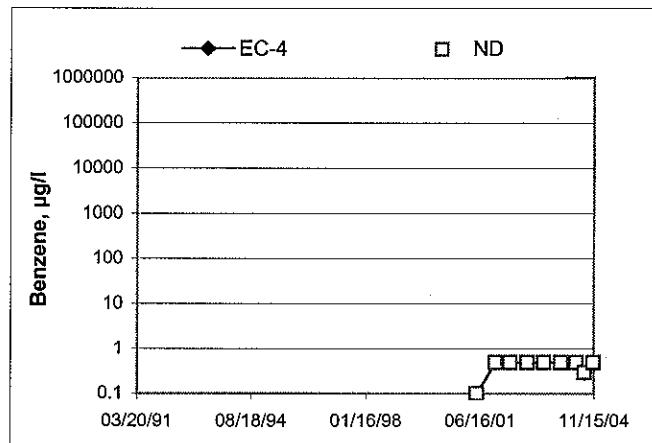
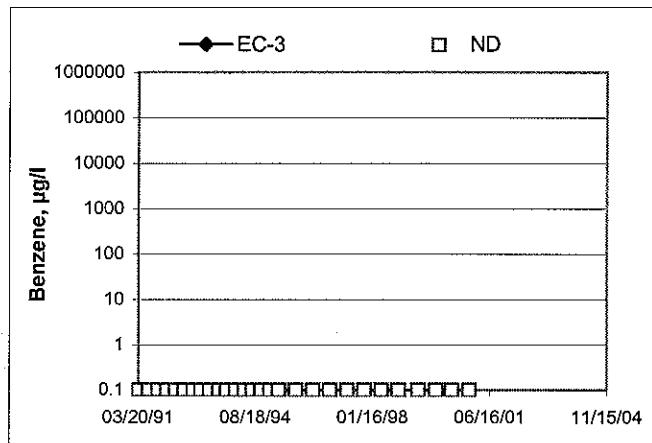
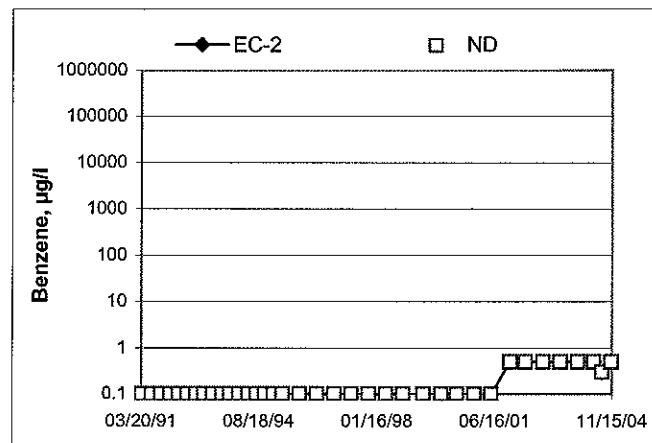
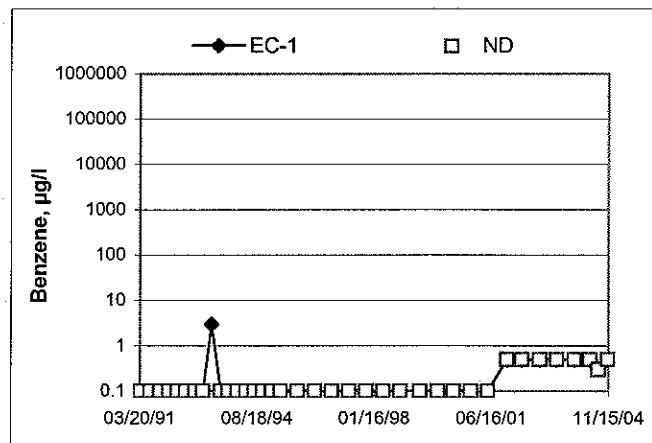
Groundwater Elevations vs. Time
Bulk Plant 0140



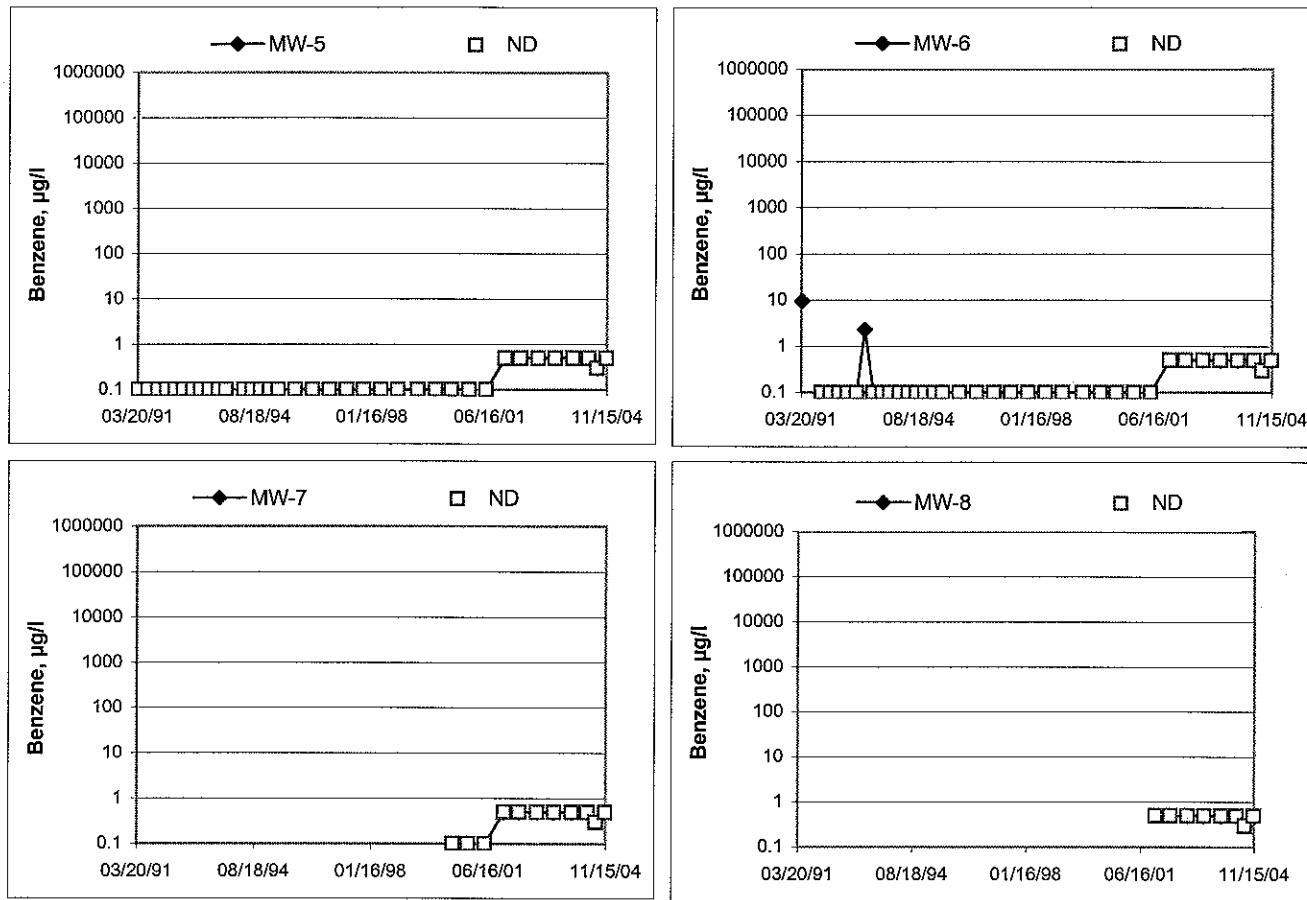
Groundwater Elevations vs. Time
Bulk Plant 0140



Benzene Concentrations vs Time
Bulk Plant 0140



Benzene Concentrations vs Time
Bulk Plant 0140



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: MBEN/JOE Job #/Task #: 91012601/FA20

Date: 11/8/04

Site # 0140

Project Manager A. COLLINS

Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes	602
MW-1	-	1357	14.22	5.15	0	0	1640	2"	45
MW-2	-	1350	17.88	4.15	0	0	1610	4"	75
MW-1	-	1343	18.47	3.80	0	0	1540	4"	10
MW-3	-	1335	18.68	3.62	0	0	1515	4"	75
EL-1	-	-	-	-	-	-	1655	CREEK	-
EL-2	-	-	-	-	-	-	1710		-
EL-4	-	-	-	-	-	-	1723		-
MW-4	-	1334	18.24	4.51	0	0	1512	4"	45
MW-5		1338	18.49	4.89	0	0	1550	4"	25
MW-6		1343	18.12	4.91	0	0	1633	4"	65
MW-7		1350	14.07	3.80	0	0	1708	2"	10
EC GROUT POINT	-	1646	-	5.90	-	-	-		-
FIELD DATA COMPLETE		QA/QC		COC		WELL BOX CONDITION SHEETS			
WTT CERTIFICATE		MANIFEST		DRUM INVENTORY		TRAFFIC CONTROL			

GROUNDWATER SAMPLING FIELD NOTES

Site: 6140

Technician: mgal

Project No.: 41010001

Date: 12/28/04

Well No.: 342-1

Purge Method: b

Depth to Water (feet): 3.86

Depth to Product (feet): 6

Total Depth (feet): 16.47

LPH & Water Recovered (gallons): 6

Water Column (feet): 14.67

Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 6.73

1 Well Volume (gallons): 10

Well No.: MW-3

Purge Method: _____

Depth to Water (feet): 3.02

Depth to Product (feet): 0

Total Depth (feet): 18.08

LPH & Water Recovered (gallons):

Water Column (feet): 15.0

Casing Diameter (Inches): 4"

GROUNDWATER SAMPLING FIELD NOTES

Site: 0140

Technician: W. J. D. ZELL

Site: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Date: 11/5/04

Well No.: MW-8

Purge Method: Hand

Depth to Water (feet): 3.15

Depth to Product (feet): _____

Total Depth (feet): 14.22

LPH & Water Recovered (gallons): 0

Water Column (feet): 9.67

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): ~~15.7~~ : 6.96

1 Well Volume (gallons): 1

Well No.: 7(w)-2

Purge Method: O

Depth to Water (feet): 4.15

Depth to Product (feet): _____

Total Depth (feet): 17.88

LPH & Water Recovered (gallons): 0

Water Column (feet): 13.73

Casing Diameter (Inches): 4"

GROUNDWATER SAMPLING FIELD NOTES

Site: 0140

Technician: Joe

Well No.: MW-6

Depth to Water (feet): 4.41

Total Depth (feet): 18, 12

Water Column (feet): 13.71

80% Recharge Depth (feet): 7.15

Purge Method: DIA

Depth to Product (feet): 6

LPH & Water Recovered (gallons): ✓

Casing Diameter (Inches): 4"

1 Well Volume (gallons): 9

Well No.: MW-7

Depth to Water (feet): 3,80

Total Depth (feet): 14.07

Water Column (feet): 10,27

80% Recharge Depth (feet): 5.85

Purge Method: PIA

Depth to Product (feet): 8

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 12

GROUNDWATER SAMPLING FIELD NOTES

Site: 0140

Well No.: MW-4

Depth to Water (feet): 4,51

Total Depth (feet): 18.24

Water Column (feet): 13.73

Water Column (feet): 7.26
soil Recharge Depth (feet):

Water Column (feet): _____ 80% Recharge Depth (feet): 7.26 1. Well Volume (gallons): 9

Technician: Joe

Project No.: 41050001

Date: 11/8/04

Purge Method: DIA

Depth to Product (feet): 8

1 PH & Water Recovered (gallons): ✓

Casing Diameter (Inches): 4"

1. Wall Volume (gallons): 9

Well No.: MW-5

Depth to Water (feet): 4.89

Total Depth (feet): 18.49

Water Column (feet): 13.60

80% Recharge Depth (feet): 7

Purge Method: DIA

Depth to Product (feet): _____

LPH & Water Recovered (gallons): 8

Casing Diameter (Inches): 4 1/2

1 Well Volume (gallons): 9

TRC Alton Geoscience- Irvine

December 02, 2004

21 Technology Drive

Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001/FA20

Project: Conoco Phillips #0140

Site: 255 State Highway 101 South Cresent City

Attached is our report for your samples received on 11/12/2004 16:05

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 12/27/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 11/12/2004 16:05

Conoco Phillips #0140

Site: 255 State Highway 101 South Cresent City

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-8	11/08/2004 16:40	Water	1
MW-2	11/08/2004 16:10	Water	2
MW-1	11/08/2004 15:40	Water	3
MW-3	11/08/2004 15:15	Water	4
EC-2	11/08/2004 17:10	Water	5
EC-4	11/08/2004 17:23	Water	6
EC-1	11/08/2004 16:55	Water	7
MW-4	11/08/2004 15:12	Water	8
MW-5	11/08/2004 15:50	Water	9
MW-6	11/08/2004 16:33	Water	10
MW-7	11/08/2004 17:08	Water	11

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-8	Lab ID:	2004-11-0475 - 1
Sampled:	11/08/2004 16:40	Extracted:	11/20/2004 20:11
Matrix:	Water	QC Batch#:	2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 20:11	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 20:11	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 20:11	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 20:11	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 20:11	
Surrogate(s)						
1,2-Dichloroethane-d4	101.5	73-130	%	1.00	11/20/2004 20:11	
Toluene-d8	97.1	81-114	%	1.00	11/20/2004 20:11	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 5030B
Sample ID: MW-2
Sampled: 11/08/2004 16:10
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-11-0475 - 2
Extracted: 11/20/2004 20:29
QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 20:29	
Methyl tert-butyl ether (MTBE)	3.8	0.50	ug/L	1.00	11/20/2004 20:29	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 20:29	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 20:29	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 20:29	
Surrogate(s)						
1,2-Dichloroethane-d4	95.1	73-130	%	1.00	11/20/2004 20:29	
Toluene-d8	93.3	81-114	%	1.00	11/20/2004 20:29	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 5030B

Test(s): 8260FAB

Sample ID: MW-1

Lab ID: 2004-11-0475 - 3

Sampled: 11/08/2004 15:40

Extracted: 11/20/2004 20:47

Matrix: Water

QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 20:47	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 20:47	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 20:47	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 20:47	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 20:47	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	101.1	73-130	%	1.00	11/20/2004 20:47	
Toluene-d8	96.8	81-114	%	1.00	11/20/2004 20:47	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 5030B

Test(s): 8260FAB

Sample ID: MW-3

Lab ID: 2004-11-0475 - 4

Sampled: 11/08/2004 15:15

Extracted: 11/20/2004 21:06

Matrix: Water

QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 21:06	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 21:06	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 21:06	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 21:06	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 21:06	
Surrogate(s)						
1,2-Dichloroethane-d4	93.6	73-130	%	1.00	11/20/2004 21:06	
Toluene-d8	91.5	81-114	%	1.00	11/20/2004 21:06	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 5030B

Test(s): 8260FAB

Sample ID: EC-2

Lab ID: 2004-11-0475 - 5

Sampled: 11/08/2004 17:10

Extracted: 11/20/2004 21:24

Matrix: Water

QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 21:24	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 21:24	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 21:24	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 21:24	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 21:24	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	96.2	73-130	%	1.00	11/20/2004 21:24	
Toluene-d8	93.3	81-114	%	1.00	11/20/2004 21:24	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	EC-4	Lab ID:	2004-11-0475 - 6
Sampled:	11/08/2004 17:23	Extracted:	11/20/2004 21:43
Matrix:	Water	QC Batch#:	2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 21:43	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 21:43	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 21:43	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 21:43	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 21:43	
Surrogate(s)						
1,2-Dichloroethane-d4	94.5	73-130	%	1.00	11/20/2004 21:43	
Toluene-d8	95.8	81-114	%	1.00	11/20/2004 21:43	

Gas/BTEX Fuel Oxygenates by 8260B

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21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	EC-1	Lab ID:	2004-11-0475 - 7
Sampled:	11/08/2004 16:55	Extracted:	11/20/2004 22:02
Matrix:	Water	QC Batch#:	2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 22:02	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 22:02	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 22:02	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 22:02	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 22:02	
Surrogate(s)						
1,2-Dichloroethane-d4	96.9	73-130	%	1.00	11/20/2004 22:02	
Toluene-d8	95.2	81-114	%	1.00	11/20/2004 22:02	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Crescent City

Prep(s): 5030B

Test(s): 8260FAB

Sample ID: MW-4

Lab ID: 2004-11-0475 - 8

Sampled: 11/08/2004 15:12

Extracted: 11/20/2004 22:20

Matrix: Water

QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 22:20	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 22:20	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 22:20	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 22:20	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 22:20	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	92.7	73-130	%	1.00	11/20/2004 22:20	
Toluene-d8	95.2	81-114	%	1.00	11/20/2004 22:20	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-5	Lab ID:	2004-11-0475 - 9
Sampled:	11/08/2004 15:50	Extracted:	11/20/2004 22:38
Matrix:	Water	QC Batch#:	2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 22:38	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 22:38	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 22:38	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 22:38	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 22:38	
Surrogate(s)						
1,2-Dichloroethane-d4	90.4	73-130	%	1.00	11/20/2004 22:38	
Toluene-d8	92.5	81-114	%	1.00	11/20/2004 22:38	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-6	Lab ID:	2004-11-0475 - 10
Sampled:	11/08/2004 16:33	Extracted:	11/20/2004 22:57
Matrix:	Water	QC Batch#:	2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 22:57	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 22:57	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 22:57	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 22:57	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 22:57	
Surrogate(s)						
1,2-Dichloroethane-d4	89.2	73-130	%	1.00	11/20/2004 22:57	
Toluene-d8	95.0	81-114	%	1.00	11/20/2004 22:57	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 5030B

Test(s): 8260FAB

Sample ID: MW-7

Lab ID: 2004-11-0475 - 11

Sampled: 11/08/2004 17:08

Extracted: 11/20/2004 23:15

Matrix: Water

QC Batch#: 2004/11/20-2C.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/20/2004 23:15	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/20/2004 23:15	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/20/2004 23:15	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/20/2004 23:15	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/20/2004 23:15	
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	97.7	73-130	%	1.00	11/20/2004 23:15	
Toluene-d8	90.5	81-114	%	1.00	11/20/2004 23:15	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Method Blank

Water

QC Batch # 2004/11/20-2C.68

MB: 2004/11/20-2C.68-049

Date Extracted: 11/20/2004 17:49

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	11/20/2004 17:49	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/20/2004 17:49	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	11/20/2004 17:49	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	11/20/2004 17:49	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	11/20/2004 17:49	
Surrogates(s)					
1,2-Dichloroethane-d4	93.6	73-130	%	11/20/2004 17:49	
Toluene-d8	95.0	81-114	%	11/20/2004 17:49	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike**Water****QC Batch # 2004/11/20-2C.68**

LCS 2004/11/20-2C.68-031

Extracted: 11/20/2004

Analyzed: 11/20/2004 17:31

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.2		25	92.8			65-165	20		
<i>Surrogates(s)</i>										
1,2-Dichloroethane-d4	437		500	87.4			73-130			
Toluene-d8	485		500	97.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Irvine, CA 92718

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD)**Water****QC Batch # 2004/11/20-2C.68**

MS/MSD

Lab ID: 2004-11-0297 - 002

MS: 2004/11/20-2C.68-057

Extracted: 11/20/2004

Analyzed: 11/20/2004 18:57

MSD: 2004/11/20-2C.68-016

Extracted: 11/20/2004

Dilution: 1.00

Analyzed: 11/20/2004 19:16

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	23.8	22.7	0.593	25	92.8	88.4	4.9	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	474	453		500	94.9	90.5		73-130			
Toluene-d8	485	497		500	97.0	99.4		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

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11/21/2004 12:17

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-8	11/08/2004 16:40	Water	1
MW-2	11/08/2004 16:10	Water	2
MW-1	11/08/2004 15:40	Water	3
MW-3	11/08/2004 15:15	Water	4
EC-2	11/08/2004 17:10	Water	5
EC-4	11/08/2004 17:23	Water	6
EC-1	11/08/2004 16:55	Water	7
MW-4	11/08/2004 15:12	Water	8
MW-5	11/08/2004 15:50	Water	9
MW-6	11/08/2004 16:33	Water	10
MW-7	11/08/2004 17:08	Water	11

Gas/BTEX Compounds by 8015M/8021

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Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-8	Lab ID:	2004-11-0475 - 1
Sampled:	11/08/2004 16:40	Extracted:	11/18/2004 22:58
Matrix:	Water	QC Batch#:	2004/11/18-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/18/2004 22:58	
Benzene	ND	0.50	ug/L	1.00	11/18/2004 22:58	
Toluene	ND	0.50	ug/L	1.00	11/18/2004 22:58	
Ethyl benzene	ND	0.50	ug/L	1.00	11/18/2004 22:58	
Xylene(s)	ND	0.50	ug/L	1.00	11/18/2004 22:58	
<i>Surrogate(s)</i>						
Trifluorotoluene	105.0	58-124	%	1.00	11/18/2004 22:58	
4-Bromofluorobenzene-FID	76.0	50-150	%	1.00	11/18/2004 22:58	

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Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-2	Lab ID:	2004-11-0475 - 2
Sampled:	11/08/2004 16:10	Extracted:	11/18/2004 23:31
Matrix:	Water	QC Batch#:	2004/11/18-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	54	50	ug/L	1.00	11/18/2004 23:31	Q1
Benzene	ND	0.50	ug/L	1.00	11/18/2004 23:31	
Toluene	ND	0.50	ug/L	1.00	11/18/2004 23:31	
Ethyl benzene	ND	0.50	ug/L	1.00	11/18/2004 23:31	
Xylene(s)	ND	0.50	ug/L	1.00	11/18/2004 23:31	
Surrogate(s)						
Trifluorotoluene	106.1	58-124	%	1.00	11/18/2004 23:31	
4-Bromofluorobenzene-FID	77.1	50-150	%	1.00	11/18/2004 23:31	

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Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-1	Lab ID:	2004-11-0475 - 3
Sampled:	11/08/2004 15:40	Extracted:	11/19/2004 00:04
Matrix:	Water	QC Batch#:	2004/11/18-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 00:04	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 00:04	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 00:04	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 00:04	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 00:04	
<i>Surrogate(s)</i>						
Trifluorotoluene	97.5	58-124	%	1.00	11/19/2004 00:04	
4-Bromofluorobenzene-FID	69.4	50-150	%	1.00	11/19/2004 00:04	

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Conoco Phillips #0140

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Site: 255 State Highway 101 South Crescent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-3	Lab ID:	2004-11-0475 - 4
Sampled:	11/08/2004 15:15	Extracted:	11/19/2004 00:36
Matrix:	Water	QC Batch#:	2004/11/18-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	75	50	ug/L	1.00	11/19/2004 00:36	Q1
Benzene	0.74	0.50	ug/L	1.00	11/19/2004 00:36	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 00:36	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 00:36	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 00:36	
<i>Surrogate(s)</i>						
Trifluorotoluene	117.1	58-124	%	1.00	11/19/2004 00:36	
4-Bromofluorobenzene-FID	77.0	50-150	%	1.00	11/19/2004 00:36	

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Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	EC-2	Lab ID:	2004-11-0475 - 5
Sampled:	11/08/2004 17:10	Extracted:	11/19/2004 16:28
Matrix:	Water	QC Batch#:	2004/11/19-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 16:28	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 16:28	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 16:28	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 16:28	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 16:28	
Surrogate(s)						
Trifluorotoluene	110.8	58-124	%	1.00	11/19/2004 16:28	
4-Bromofluorobenzene-FID	74.4	50-150	%	1.00	11/19/2004 16:28	

Gas/BTEX Compounds by 8015M/8021

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Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030	Test(s):	8015M
	5030		8021B
Sample ID:	EC-4	Lab ID:	2004-11-0475 - 6
Sampled:	11/08/2004 17:23	Extracted:	11/19/2004 18:14
Matrix:	Water	QC Batch#:	2004/11/19-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 18:14	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 18:14	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 18:14	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 18:14	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 18:14	
<i>Surrogate(s)</i>						
Trifluorotoluene	116.0	58-124	%	1.00	11/19/2004 18:14	
4-Bromofluorobenzene-FID	78.9	50-150	%	1.00	11/19/2004 18:14	

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Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	EC-1	Lab ID:	2004-11-0475 - 7
Sampled:	11/08/2004 16:55	Extracted:	11/19/2004 18:47
Matrix:	Water	QC Batch#:	2004/11/19-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 18:47	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 18:47	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 18:47	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 18:47	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 18:47	
Surrogate(s)						
Trifluorotoluene	115.5	58-124	%	1.00	11/19/2004 18:47	
4-Bromofluorobenzene-FID	77.9	50-150	%	1.00	11/19/2004 18:47	

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B			
Sample ID:	MW-4	Lab ID:	2004-11-0475 - 8			
Sampled:	11/08/2004 15:12	Extracted:	11/19/2004 19:19			
Matrix:	Water	QC Batch#:	2004/11/19-01.05			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 19:19	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 19:19	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 19:19	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 19:19	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 19:19	
Surrogate(s)						
Trifluorotoluene	110.3	58-124	%	1.00	11/19/2004 19:19	
4-Bromofluorobenzene-FID	77.2	50-150	%	1.00	11/19/2004 19:19	

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Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-5	Lab ID:	2004-11-0475 - 9
Sampled:	11/08/2004 15:50	Extracted:	11/19/2004 19:52
Matrix:	Water	QC Batch#:	2004/11/19-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 19:52	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 19:52	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 19:52	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 19:52	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 19:52	
<i>Surrogate(s)</i>						
Trifluorotoluene	115.7	58-124	%	1.00	11/19/2004 19:52	
4-Bromofluorobenzene-FID	80.6	50-150	%	1.00	11/19/2004 19:52	

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B			
Sample ID:	MW-6	Lab ID:	2004-11-0475 - 10			
Sampled:	11/08/2004 16:33	Extracted:	11/19/2004 20:25			
Matrix:	Water	QC Batch#:	2004/11/19-01.05			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 20:25	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 20:25	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 20:25	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 20:25	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 20:25	
<i>Surrogate(s)</i>						
Trifluorotoluene	110.1	58-124	%	1.00	11/19/2004 20:25	
4-Bromofluorobenzene-FID	79.7	50-150	%	1.00	11/19/2004 20:25	

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-7	Lab ID:	2004-11-0475 - 11
Sampled:	11/08/2004 17:08	Extracted:	11/19/2004 20:57
Matrix:	Water	QC Batch#:	2004/11/19-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/19/2004 20:57	
Benzene	ND	0.50	ug/L	1.00	11/19/2004 20:57	
Toluene	ND	0.50	ug/L	1.00	11/19/2004 20:57	
Ethyl benzene	ND	0.50	ug/L	1.00	11/19/2004 20:57	
Xylene(s)	ND	0.50	ug/L	1.00	11/19/2004 20:57	
<i>Surrogate(s)</i>						
Trifluorotoluene	111.7	58-124	%	1.00	11/19/2004 20:57	
4-Bromofluorobenzene-FID	79.0	50-150	%	1.00	11/19/2004 20:57	

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC ReportPrep(s): 5030
5030Test(s): 8015M
8021B**Method Blank****Water****QC Batch # 2004/11/18-01.05**

MB: 2004/11/18-01.05-003

Date Extracted: 11/18/2004 08:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/18/2004 08:11	
Benzene	ND	0.5	ug/L	11/18/2004 08:11	
Toluene	ND	0.5	ug/L	11/18/2004 08:11	
Ethyl benzene	ND	0.5	ug/L	11/18/2004 08:11	
Xylene(s)	ND	0.5	ug/L	11/18/2004 08:11	
Surrogates(s)					
Trifluorotoluene	109.4	58-124	%	11/18/2004 08:11	
4-Bromofluorobenzene-FID	78.8	50-150	%	11/18/2004 08:11	

Gas/BTEX Compounds by 8015M/8021

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Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC ReportPrep(s): 5030
5030Test(s): 8015M
8021B**Method Blank****Water****QC Batch # 2004/11/19-01.05**

MB: 2004/11/19-01.05-003

Date Extracted: 11/19/2004 08:25

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/19/2004 08:25	
Benzene	ND	0.5	ug/L	11/19/2004 08:25	
Toluene	ND	0.5	ug/L	11/19/2004 08:25	
Ethyl benzene	ND	0.5	ug/L	11/19/2004 08:25	
Xylene(s)	ND	0.5	ug/L	11/19/2004 08:25	
Surrogates(s)					
Trifluorotoluene	116.5	58-124	%	11/19/2004 08:25	
4-Bromofluorobenzene-FID	81.1	50-150	%	11/19/2004 08:25	

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Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike**Water****QC Batch # 2004/11/18-01.05**

LCS 2004/11/18-01.05-004

Extracted: 11/18/2004

Analyzed: 11/18/2004 08:44

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	54.6		50.0	109.2		77-123	20			
Toluene	52.9		50.0	105.8		78-122	20			
Ethyl benzene	53.1		50.0	106.2		70-130	20			
Xylene(s)	158		150	105.3		75-125	20			
Surrogates(s)										
Trifluorotoluene	558		500	111.6		58-124				

Gas/BTEX Compounds by 8015M/8021

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Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2004/11/18-01.05**

LCS 2004/11/18-01.05-005

Extracted: 11/18/2004

Analyzed: 11/18/2004 09:17

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	276		250	110.4			75-125	20		
Surrogates(s) 4-Bromofluorobenzene-FID	412		500	82.4			50-150			

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Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike**Water****QC Batch # 2004/11/19-01.05**

LCS 2004/11/19-01.05-004

Extracted: 11/19/2004

Analyzed: 11/19/2004 08:58

LCSD

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	55.7		50.0	111.4			77-123	20		
Toluene	55.0		50.0	110.0			78-122	20		
Ethyl benzene	50.9		50.0	101.8			70-130	20		
Xylene(s)	166		150	110.7			75-125	20		
Surrogates(s)							58-124			
Trifluorotoluene	596		500	119.2						

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Conoco Phillips #0140

Site: 255 State Highway 101 South Crescent City

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2004/11/19-01.05**

LCS 2004/11/19-01.05-005

Extracted: 11/19/2004

Analyzed: 11/19/2004 09:30

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Gasoline	271		250	108.4			75-125	20		
Surrogates(s) 4-Bromofluorobenzene-FID	413		500	82.6			50-150			

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Matrix Spike (MS / MSD)

Water

QC Batch # 2004/11/18-01.05

MS/MSD

Lab ID: 2004-11-0381 - 009

MS: 2004/11/18-01.05-007

Extracted: 11/18/2004

Analyzed: 11/18/2004 10:27

Dilution: 50.00

MSD: 2004/11/18-01.05-008

Extracted: 11/18/2004

Analyzed: 11/18/2004 11:00

Dilution: 50.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	3970	4140	1250	2500	108.8	115.6	6.1	65-135	20		
Toluene	2680	2870	183	2500	99.9	107.5	7.3	65-135	20		
Ethyl benzene	3910	3990	1500	2500	96.4	99.6	3.3	65-135	20		
Xylene(s)	9210	9980	1830	7500	98.4	108.7	9.9	65-135	20		
Surrogate(s)											
Trifluorotoluene	582	616		500	116.3	123.3		58-124			

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Matrix Spike (MS / MSD)

Water

QC Batch # 2004/11/18-01.05

MS/MSD

Lab ID: 2004-11-0381 - 009

MS: 2004/11/18-01.05-009

Extracted: 11/18/2004

Analyzed: 11/18/2004 11:32

MSD: 2004/11/18-01.05-010

Extracted: 11/18/2004

Dilution: 50.00

Analyzed: 11/18/2004 12:05

Dilution: 50.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Gasoline	32600	29700	19800	12500	102.4	79.2	25.6	65-135	20		R4
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	416	423		500	83.3	84.5		50-150			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

11/29/2004 08:47

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Matrix Spike (MS / MSD)**Water****QC Batch # 2004/11/19-01.05**

MS/MSD

Lab ID: 2004-11-0437 - 007

MS: 2004/11/19-01.05-009

Extracted: 11/19/2004

Analyzed: 11/19/2004 11:44

MSD: 2004/11/19-01.05-010

Extracted: 11/19/2004

Dilution: 10.00

Analyzed: 11/19/2004 12:17

Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Gasoline	4090	4130	2020	2500	82.8	84.4	1.9	65-135	20		
Surrogate(s) 4-Bromofluorobenzene-FID	413	411		500	82.6	82.1		50-150			

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Matrix Spike (MS / MSD)

Water

QC Batch # 2004/11/19-01.05

EC-2 >> MS

Lab ID: 2004-11-0475 - 005

MS: 2004/11/19-01.05-016

Extracted: 11/19/2004

Analyzed: 11/19/2004 17:09

MSD: 2004/11/19-01.05-017

Extracted: 11/19/2004

Dilution: 1.00

Analyzed: 11/19/2004 17:41

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	53.6	57.2	ND	50.0	107.2	114.4	6.5	65-135	20		
Toluene	53.7	54.8	ND	50.0	107.4	109.6	2.0	65-135	20		
Ethyl benzene	51.7	52.8	ND	50.0	103.4	105.6	2.1	65-135	20		
Xylene(s)	167	165	ND	150	111.3	110.0	1.2	65-135	20		
Surrogate(s)											
Trifluorotoluene	580	584		500	116.0	116.8		58-124			

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Crescent City

Legend and Notes

Result Flag

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

R4

RPD exceeded method control limit; % recoveries within limits.

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 11/12/2004 16:05

Conoco Phillips #0140

Site: 255 State Highway 101 South Crescent City

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-8	11/08/2004 16:40	Water	1
MW-2	11/08/2004 16:10	Water	2
MW-1	11/08/2004 15:40	Water	3
MW-3	11/08/2004 15:15	Water	4
EC-2	11/08/2004 17:10	Water	5
EC-4	11/08/2004 17:23	Water	6
EC-1	11/08/2004 16:55	Water	7
MW-4	11/08/2004 15:12	Water	8
MW-5	11/08/2004 15:50	Water	9
MW-6	11/08/2004 16:33	Water	10
MW-7	11/08/2004 17:08	Water	11

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: MW-8

Lab ID: 2004-11-0475 - 1

Sampled: 11/08/2004 16:40

Extracted: 11/18/2004 18:23

Matrix: Water

QC Batch#: 2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 11:54	
Surrogate(s) o-Terphenyl	76.8	60-130	%	1.00	11/19/2004 11:54	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: MW-2

Lab ID: 2004-11-0475 - 2

Sampled: 11/08/2004 16:10

Extracted: 11/18/2004 18:23

Matrix: Water

QC Batch#: 2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	330	50	ug/L	1.00	11/19/2004 12:20	Q2
Surrogate(s) o-Terphenyl	87.6	60-130	%	1.00	11/19/2004 12:20	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-1	Lab ID:	2004-11-0475 - 3
Sampled:	11/08/2004 15:40	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 12:47	
Surrogate(s) o-Terphenyl	84.4	60-130	%	1.00	11/19/2004 12:47	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-3	Lab ID:	2004-11-0475 - 4
Sampled:	11/08/2004 15:15	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	50	ug/L	1.00	11/19/2004 13:14	Q2
Surrogate(s) o-Terphenyl	80.7	60-130	%	1.00	11/19/2004 13:14	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	EC-2	Lab ID:	2004-11-0475 - 5
Sampled:	11/08/2004 17:10	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 13:41	
Surrogate(s) o-Terphenyl	81.3	60-130	%	1.00	11/19/2004 13:41	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	EC-4	Lab ID:	2004-11-0475 - 6
Sampled:	11/08/2004 17:23	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 14:07	
Surrogate(s) o-Terphenyl	72.2	60-130	%	1.00	11/19/2004 14:07	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: EC-1

Lab ID: 2004-11-0475 - 7

Sampled: 11/08/2004 16:55

Extracted: 11/18/2004 18:23

Matrix: Water

QC Batch#: 2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 14:34	
Surrogate(s) o-Terphenyl	83.2	60-130	%	1.00	11/19/2004 14:34	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-4	Lab ID:	2004-11-0475 - 8
Sampled:	11/08/2004 15:12	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/19/2004 23:53	
Surrogate(s)						
o-Terphenyl	108.4	60-130	%	1.00	11/19/2004 23:53	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: MW-5

Lab ID: 2004-11-0475 - 9

Sampled: 11/08/2004 15:50

Extracted: 11/18/2004 18:23

Matrix: Water

QC Batch#: 2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/20/2004 00:20	
Surrogate(s) o-Terphenyl	94.9	60-130	%	1.00	11/20/2004 00:20	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: MW-6

Lab ID: 2004-11-0475 - 10

Sampled: 11/08/2004 16:33

Extracted: 11/18/2004 18:23

Matrix: Water

QC Batch#: 2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	83	50	ug/L	1.00	11/20/2004 00:47	Q2
Surrogate(s) o-Terphenyl	100.3	60-130	%	1.00	11/20/2004 00:47	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-7	Lab ID:	2004-11-0475 - 11
Sampled:	11/08/2004 17:08	Extracted:	11/18/2004 18:23
Matrix:	Water	QC Batch#:	2004/11/18-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	11/20/2004 01:15	
Surrogate(s) o-Terphenyl	105.0	60-130	%	1.00	11/20/2004 01:15	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank

Water

QC Batch #: 2004/11/18-5A.10

MB: 2004/11/18-5A.10-001

Date Extracted: 11/18/2004 18:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	11/19/2004 10:33	
Surrogates(s) o-Terphenyl	101.0	60-130	%	11/19/2004 10:33	

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike**Water**

QC Batch # 2004/11/18-5A.10

LCS 2004/11/18-5A.10-002

Extracted: 11/18/2004

Analyzed: 11/19/2004 11:00

LCSD 2004/11/18-5A.10-003

Extracted: 11/18/2004

Analyzed: 11/19/2004 11:27

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	734	718	1000	73.4	71.8	2.2	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	19.9	20.0	20.0	99.7	100.0		60-130			

Diesel with Silica Gel Clean-up

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Conoco Phillips #0140

Received: 11/12/2004 16:05

Site: 255 State Highway 101 South Cresent City

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

Sample Receipt Checklist**Submission #:** 2004- 11 - 0475Checklist completed by: (initials) FJ Date: 11 / 15 /04Courier name: STL San Francisco Client _____

Custody seals intact on shipping container/samples

Yes _____ No _____ Present

Chain of custody present?

Yes No _____

Chain of custody signed when relinquished and received?

Yes No _____

Chain of custody agrees with sample labels?

Yes No _____

Samples in proper container/bottle?

Yes No _____

Sample containers intact?

Yes No _____

Sufficient sample volume for indicated test?

Yes No _____

All samples received within holding time?

Yes No _____Container/Temp: Blank temperature in compliance ($4^{\circ}\text{C} \pm 2$)?Temp: 2 $^{\circ}\text{C}$ Yes No _____Potential reason for $> 6^{\circ}\text{C}$: Ice melted Ice in bags Not enough ice Not enough blue ice Samples in boxes Sampled < 4 hr. ago? Ice not required (e.g. air or bulk sample) Ice Present Yes No _____

Water - VOA vials have zero headspace?

No VOA vials submitted _____ Yes No _____

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No pH adjusted~ Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:**Project Management [Routing for instruction of indicated discrepancy(ies)]**Project Manager: (initials) _____ Date: _____ / _____ /04 Client contacted: Yes NoSummary of discussion:

Corrective Action (per PM/Client):

STL-San Francisco

1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Chain Of Custody Record

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA 92704

21 Technology Drive, Irvine CA 92618

PROJECT CONTACT (Hardcopy or PDF Report @):

Anju Farfan

TELEPHONE:

949-341-7440

FAX:

E-MAIL:

CONSULTANT PROJECT NUMBER

41050001/FA20

SAMPLE NAME(S) (Print):

TURNAROUND TIME (CALENDAR DAYS):

- 14 DAYS 7 DAYS 48 HOURS 24 HOURS LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES:

CHECK BOX IF EDD IS NEEDED

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification	Field Point Name*	SAMPLING DATE	MATRIX TIME	MATRIX	NO. OF CONT.	TEMPERATURE ON RECEIPT C°
MO-6	MO-1	MO-1	11/18 1640	640	9	2	20
MO-2	MO-2	MO-2	1640	640	9	2	20
MO-3	MO-3	MO-3	1645	645	9	2	20
EC-XX2	EC-XX2	EC-XX2	1723	723	10	2	20
EC-XX1	EC-XX1	EC-XX1	1727	727	10	2	20
MO-4	MO-4	MO-4	1812	812	10	2	20
MO-5	MO-5	MO-5	1838	838	10	2	20
MO-6	MO-6	MO-6	1838	838	10	2	20

Received by: (Signature)

Date: 11/18/04

Date: 11/20/04

Date: 11/20/04

Date: 11/20/04

Date: 11/20/04

Time: 1345

Time: 1345

Time: 1345

Time: 1345

Time: 1605

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.